AUTHOR INDEX

Abbas B.A. *see* Silvanesan A., Abdullah S.K. & Abbas B.A. 1486

Abbott L.K. *see* Gazey C., Abbott L.K. & Robson A.D. 785

Abdullah S.K. *see* Silvanesan A., Abdullah S.K. & Abbas B.A. 1486

Aist J.R. *see* Gu W., Spielman L.J., Matuszak J.M., Aist J.R., Bayles C.J. & Fry W.E. 857

Al Zaemey A.B., Magan N. & Thompson A.K. 1463

Alcorn J.L. 429

Alfenas A. *see* Crous P.W., Wingfield M.J., Ferreira F.A. & Alfenas A. 582

Alfenas A.C. *see* Crous P.W., Alfenas A.C. & Wingfield M.J. 701
see Crous P.W., Wingfield M.J. & Alfenas A.C. 889

Alkenany K.I. *see* Taj-Aldeen S.J. & Alkenany K.I. 15

Allard R.W. *see* Goodwin S.B., Saghai Maroof M.A., Allard R.W. & Webster R.K. 49

Allen R.N. *see* Nair N.G. & Allen R.N. 1012

Alström S. *see* Danell E., Alström S. & Ternström A. 1148

Amir R., Levanon D., Hadar Y. & Chet I. 683

Andersson R. *see* Engström K., Brishammar S., Svensson C., Bengtsson M. & Andersson R. 381

Ando K. 506

Angwin P.A. & Hansen E.M. 1469

Aragona M. & Porta-Puglia A. 1143

Arpin N. *see* Soulier L., Foret V. & Arpin N. 529

Ashby A.M. & Johnstone K. 575

Aust H.-J. *see* Schulz B., Wanke U., Draeger S. & Aust H.-J. 1447

Aveling T.A.S. & Snyman H.G. 984

Baillie D.L. *see* Lévesque C.A., Beckenbach K., Baillie D.L. & Rahe J.E. 307

Banerjee A., Mathews R.P., Prakash H.S. & Shetty H.S. 1403

Barbara D.J. *see* Okoli C.A.N., Carder J.H. & Barbara D.J. 233

Barker J.H.A., Smith T.A. & Owen W.J. 1358

Bärlocher F. *see* Sridhar K.R. & Bärlocher F. 1530

Barron G.L. *see* Morikawa C., Saikawa M. & Barron G.L. 421

Barton J.E. *see* Duncan S., Barton J.E. & O'Brien P.A. 1075

Bates M.R., Buck K.W. & Brasier C.M. 449, 1093

Bayles C.J. *see* Gu W., Spielman L.J., Matuszak J.M., Aist J.R., Bayles C.J. & Fry W.E. 857

Beakes G.W., Canter H.M. & Jaworski G.H.M. 1059
see Weir A. & Beakes G.W. 1045

Beckenbach K. *see* Lévesque C.A., Beckenbach K., Baillie D.L. & Rahe J.E. 307

Beckett A. *see* Clement J.A., Martin S.G., Porter R., Butt T.M. & Beckett A. 585
see Clement J.A., Butt T.M. & Beckett A. 594
see Li Z., Butt T.M., Beckett A. & Wilding N. 1315

Bengtsson M. *see* Engström K., Brishammar S., Svensson C., Bengtsson M. & Andersson R. 381

Bennett R.J. *see* Koga H., Christensen M.J. & Bennett R.J. 1237

Bergmann C. *see* Caprari C., Richter A., Bergmann C., Lo Cicero S., Salvi G., Cervone F. & De Lorenzo G. 497

Bettucci L. & Saravay M. 679

Bhat R.G., McBlain B.A. & Schmitthenner A.F. 865

Bhattiprolu G.R., Challen M.P. & Elliott T.J. 1281

Bielser G. *see* Chapela I.H., Petrini O. & Bielser G. 157

Black R. *see* Waller J.M., Bridge P.D., Black R. & Hakiza G. 989

Boddy L. 641
see Bolton R.G. & Boddy L. 762

Bolton R.G. & Boddy L. 762

Bonfante P. *see* Wyss P. & Bonfante P. 1351

Bonish P.M. & di Menna M.E. 91

Botha W.J. 1495

Bougher N.L., Tommerup I.C. & Malajczuk N. 613

Brandwagt B.F. *see* van der Vlugt-Bergmans C.J.B., Brandwagt B.F., van't Klooster J.W., Wagemakers C.A.M. & van Kan J.A.L. 1193

Brasier C.M., Hamm P.B. & Hansen E.M. 1287

Brasier C.M. & Kirk S.A. 811

Brasier C.M. & Stephens T.M. 1416
see Bates M.R., Buck K.W. & Brasier C.M. 449
see Wilcox W.F., Scott P.H., Hamm P.B., Kennedy D.M., Duncan J.M., Brasier C.M. & Hansen E.M. 817
see Bates M.R., Buck K.W. & Brasier C.M. 1093

Bridge P.D. *see* Waller J.M., Bridge P.D., Black R. & Hakiza G. 989

Brishammar S. *see* Engström K., Brishammar S., Svensson C., Bengtsson M. & Andersson R. 381

Brown A.E. *see* Hodson A., Mills P.R. & Brown A.E. 329
see Sreenivasaprasad S., Brown A.E. & Mills P.R. 995

Brown T.K. *see* Dighton J., Poskitt J.M. & Brown T.K. 355

Bryden W.L. *see* Wing N., Bryden W.L., Lauren D.R. & Burgess L.W. 1441

Buck K.W. *see* Bates M.R., Buck K.W. & Brasier C.M. 449
see Bates M.R., Buck K.W. & Brasier C.M. 1093

Budge S.P. *see* Whipps J.M., Budge S.P. & Mitchell S.J. 697

Bumpus J.A., Powers R.H. & Sun T. 95

Burgess L.W. *see* Summerell B.A., Rugg C.A. & Burgess L.W. 1015
see Wing N., Bryden W.L., Lauren D.R. & Burgess L.W. 1441

Burton R.J. & Coley-Smith J.R. 86

Buscot F. 136

Butin H. & Pehl L. 1340

Butt T.M. *see* Clement J.A., Martin S.G., Porter R., Butt T.M. & Beckett A. 585
see Clement J.A., Butt T.M. & Beckett A. 594
see Li Z., Butt T.M., Beckett A. & Wilding N. 1315

Byrde R.J.W. 254

Cabral D., Stone J.K. & Carroll G.C. 367

Cabrer B. *see* Rossello M.A., Descals E. & Cabrer B. 68

Caesar-TonThat T. *see* Liebman J.A., Caesar-TonThat T. & Epstein L. 1419

Cairney J.W.G. & Smith S.E. 1261, 1267

Canter H.M. *see* Beakes G.W., Canter H.M. & Jaworski G.H.M. 1059

Caprari C., Richter A., Bergmann C., Lo Cicero S., Salvi G., Cervone F. & De Lorenzo G. 497

Carder J.H. *see* Okoli C.A.N., Carder J.H. & Barbara D.J. 233

Carrion G. *see* Evans H.C., Carrion G. & Guzman G. 59

Carroll G.C. *see* Cabral D., Stone J.K. & Carroll G.C. 367

Cervone F. *see* Caprari C., Richter A., Bergmann C., Lo Cicero S., Salvi G., Cervone F. & De Lorenzo G. 497

Challen M.P. *see* Bhattiprolu G.R., Challen M.P. & Elliott T.J. 1281

Chalutz E. *see* Paster N., Droby S., Chalutz E., Menasherov M., Nitzan R. & Wilson C.L. 1201

Chang T.T. & Ko W.H. 675

Chapela I.H., Petrini O. & Bielser G. 157

Chauvet E. *see* Gessner M.O., Thomas M., Jean-Louis A-M. & Chauvet E. 163

Chen C.Y. *see* Sivanesan A., Hsieh W.H. & Chen C.Y. 1179

Chen J.L. & Tzean S.S. 347, 637

Chen W. & Hoy J.W. 1371

Chet I. *see* Amir R., Levanon D., Hadar Y. & Chet I. 683

Chiu S.W. 1481

Chiu S.W. & Moore D. 221

Chiu S.-W. & To S.-W. 363

Christensen M.J., Leuchtmann A., Rowan D.D. & Tapper B.A. 1083
see Koga H., Christensen M.J. & Bennett R.J. 1237

Cisternas A.E. *see* Glare T.R., Jackson T.A. & Cisternas A.E. 336

Citernesi A.S. *see* Giovannetti M. & Citernesi A.S. 1140

Clark J.A. *see* Madeira A.C., Fryett K.P., Rossall S. & Clark J.A. 1217

Clement J.A., Butt T.M. & Beckett A. 594

Clement J.A., Martin S.G., Porter R., Butt T.M. & Beckett A. 585

Coates L.M., Muirhead I.F., Irwin J.A.G. & Gowanlock D.H. 1363

Coenen A. *see* Varga J., Kevei F., Fekete C., Coenen A., Kozakiewicz Z. & Croft J.H. 1207

Coffey M.D. *see* Förster H. & Coffey M.D. 1101

Cole G.T., Seshan K.R., Lynn K.T. & Franco M. 385

Coley-Smith J.R. *see* Burton R.J. & Coley-Smith J.R. 86

Constantinescu O. 377

Coutinho T.A., Rijkenberg F.H.J. & Van Asch M.A.J. 951

Croft J.H. *see* Varga J., Kevei F., Fekete C., Coenen A., Kozakiewicz Z. & Croft J.H. 1207

Crous P.W., Alfenas A.C. & Wingfield M.J. 701

Crous P.W. & Wingfield M.J.433
Crous P.W., Wingfield M.J. & Alfenas A.C.889
Crous P.W., Wingfield M.J., Ferreira F.A. & Alfenas A.582
Curragh H.J., Mooibroek H., Wessels J.G.H., Marchant R. & Mullan E. 313
Danell E., Alström S. & Ternström A. 1148
Dashwood E.P., Fox R.A. & Duncan J.M. 733
Davies D.R. *see* Theodorou M.K., Davies D.R., Jordan M.G.C., Trinci A.P.J. & Orpin C.G. 1245
de Gruyter J. *see* Noordeloos M.E., de Gruyter J., van Eijk G.W. & Roeijmans H.J. 1343
Deacon J.W. & Donaldson S.P. 1153
see Donaldson S.P. & Deacon J.W. 877
Deising H. *see* Heiler S., Mendgen K. & Deising H. 77
De Lorenzo G. *see* Caprari C., Richter A., Bergmann C., Lo Cicero S., Salvi G., Cervone F. & De Lorenzo G. 497
De Lucas J.R., Monistrol I.F. & Laborda F. 961
De Ruiter G.A., van Bruggen-van der Lugt A.W., Rombouts F.M. & Gams W. 690
Descals E. *see* Rossello M.A., Descals E. & Cabrer B. 68
Desjardin D.E., Gordon S.A. & Peterson R.H. 111
Dhillion S.S. 656
di Menna M.E. *see* Bonish P.M. & di Menna M.E. 91
Dianese J.C., Medeiros R.B. & Santos L.T.P. 610
Dianese J.C., Medeiros R.B., Santos L.T.P. & Sutton B.C.1234
Dianese J.C., Sutton B.C. & Tessmann D.J.123
Dighton J., Poskitt J.M. & Brown T.K. 355
see Robinson C.H., Dighton J. & Frankland J.C. 547
Dijksterhuis J. *see* Sjollema K.A., Dijksterhuis J., Veenhuis M. & Harder W. 479
Donaldson S.P. & Deacon J.W. 877
see Deacon J.W. & Donaldson S.P. 1153
Dowley L.J. *see* Tooley P.W., Therrien C.D., Sim J.H., O'Sullivan E. & Dowley L.J. 1131
Draeger S. *see* Schulz B., Wanke U., Draeger S. & Aust H.-J. 1447
Droby S. *see* Paster N., Droby S., Chalutz E., Menasherov M., Nitzan R. & Wilson C.L. 1201
Duncan J.M. *see* Stammler G., Seemüller E. & Duncan J.M. 150
see Dashwood E.P., Fox R.A. & Duncan J.M. 733
see Wilcox W.F., Scott P.H., Hamm P.B., Kennedy D.M., Duncan J.M., Brasier C.M. & Hansen E.M. 817
Duncan S., Barton J.E. & O'Brien P.A. 1075
Dyer P.S., Ingram D.S. & Johnstone K. 485
Eaves D.M. *see* Lévesque C.A., Rahe J.E. & Eaves D.M. 299
Elliott T.J. *see* Bhattiprolu G.R., Challen M.P. & Elliott T.J. 1281
Engström K., Brishammar S., Svensson C., Bengtsson M. & Andersson R. 381
Epstein L. *see* Liebman J.A., Caesar-TonThat T. & Epstein L. 1419
Erwin D.C. *see* Jiang J. & Erwin D.C. 293
Evans H.C., Carrion G. & Guzman G. 59
see Hywel-Jones N.L. & Evans H.C. 871
Faraj M.K., Smith J.E. & Harran G. 1388
Faretra F. & Pollastro S. 620
Fekete C. *see* Varga J., Kevei F., Fekete C., Coenen A., Kozakiewicz Z. & Croft J.H. 1207
Fernández N., Patiño B. & Vázquez C. 461
Ferreira F.A. *see* Crous P.W., Wingfield M.J., Ferreira F.A. & Alfenas A. 582
Field C.D. *see* Wilkens S. & Field C.D. 1135
Fisher P.J. & Punithalingam E. 661
Fontana A. *see* Mischiati P. & Fontana A. 40
Foret V. *see* Soulier L., Foret V. & Arpin N. 529
Förster H. & Coffey M.D. 1101
Foster L.M., Kozak K.R., Loftus M.G., Stevens J.J. & Ross I.K. 769
Fox R.A. *see* Dashwood E.P., Fox R.A. & Duncan J.M. 733
Franco M. *see* Cole G.T., Seshan K.R., Lynn K.T. & Franco M. 385
Frankland J.C. *see* Robinson C.H., Dighton J. & Frankland J.C. 547
Fröhlich J., Raga N., Philemon E. & Hyde K.D. 1433
Fry W.E. *see* Gu W., Spielman L.J., Matuszak J.M., Aist J.R., Bayles C.J. & Fry W.E. 857
see Therrien C.D., Tooley P.W., Spielman L.J., Fry W.E., Ritch D.L. & Shelly S.E. 945
Fryett K.P. *see* Madeira A.C., Fryett K.P., Rossall S. & Clark J.A. 1217
Gadd G.M. *see* Perkins J. & Gadd G.M. 717
Gams W. *see* De Ruiter G.A., van Bruggen-van der Lugt A.W., Rombouts F.M. & Gams W. 690
Gazey C., Abbott L.K. & Robson A.D. 785
Gerlagh M. *see* Sandys-Winsch C., Whipps J.M., Gerlagh M. & Kruse M. 1175
Gessner M.O., Thomas M., Jean-Louis A-M. & Chauvet E. 163
Gianinazzi S. *see* Tisserant B., Gianinazzi-Pearson V., Gianinazzi S. & Gollotte A. 245
Gianinazzi-Pearson V. *see* Tisserant B., Gianinazzi-Pearson V., Gianinazzi S. & Gollotte A. 245
Giovannetti M. & Citernesi A.S. 1140
Glare T.R., Jackson T.A. & Cisternas A.E. 336
Gollotte A. *see* Tisserant B., Gianinazzi-Pearson V., Gianinazzi S. & Gollotte A. 245
Goodwin S.B., Saghai Maroof M.A., Allard R.W. & Webster R.K. 49
Gordon S.A. *see* Desjardin D.E., Gordon S.A. & Peterson R.H. 111
Gowanlock D.H. *see* Coates L.M., Muirhead I.F., Irwin J.A.G. & Gowanlock D.H. 1363
Grant W.S. *see* Swart W.J., Wingfield M.J. & Grant W.S. 1253
Greening J.P., Holden J. & Moore D. 1001
Greenwood R. *see* Hyde K.D., Greenwood R. & Jones E.B.G. 7
Griffiths A.J.F. & Yang X. 1379
Grove T.S. *see* Thomson B.D., Malajczuk N., Grove T.S. & Hardy G.T.St.J. 839
Gu W., Spielman L.J., Matuszak J.M., Aist J.R., Bayles C.J. & Fry W.E. 857
Gulya T.J., Masirevic S. & Thomas C.E. 240
Gurevich L.S. 251
Guzman G. *see* Evans H.C., Carrion G. & Guzman G. 59
Hadar Y. *see* Amir R., Levanon D., Hadar Y. & Chet I. 683
Hadfield C., Raina K.K., Shashi-Menon K. & Mount R.C. 897
Hakiza G. *see* Waller J.M., Bridge P.D., Black R. & Hakiza G. 989
Hall G. 559
Hallenberg N. & Larsson E. 351
Hamm P.B. *see* Wilcox W.F., Scott P.H., Hamm P.B., Kennedy D.M., Duncan J.M., Brasier C.M. & Hansen E.M. 817
see Brasier C.M., Hamm P.B. & Hansen E.M. 1287
Hammad F., Ji J., Watling R. & Moore D. 269
Hammad F., Watling R. & Moore D.275
Han Z. *see* Wu E., Lan Z., Xiang Y. & Han Z. 1021
Hansen E.M., Stenlid J. & Johansson M. 1223, 1229
see Wilcox W.F., Scott P.H., Hamm P.B., Kennedy D.M., Duncan J.M., Brasier C.M. & Hansen E.M. 817
see Brasier C.M., Hamm P.B. & Hansen E.M. 1287
see Angwin P.A. & Hansen E.M. 1469
Harder W. *see* Sjollema K.A., Dijksterhuis J., Veenhuis M. & Harder W. 479
Hardy G.T.St.J. *see* Thomson B.D., Malajczuk N., Grove T.S. & Hardy G.T.St.J. 839
Harling R. *see* Punithalingham E. & Harling R. 1299
Harran G. *see* Faraj M.K., Smith J.E. & Harran G. 1388
Hausner G., Reid J. & Klassen G.R. 625
Heiler S., Mendgen K. & Deising H. 77
Helander M.L., Ranta H. & Neuvonen S. 533
Hiratsuka Y. *see* Hutchison L.J., Sigler L. & Hiratsuka Y. 1409
Hocart M.J., Lucas J.A. & Peberdy J.F. 967, 977
Hodson A., Mills P.R. & Brown A.E. 329
Holden J. *see* Greening J.P., Holden J. & Moore D. 1001
Honegger R., Kutasi V. & Ruffner H.P. 35
Hoy J.W. *see* Chen W. & Hoy J.W. 1371
Hsieh W.H. *see* Sivanesan A., Hsieh W.H. & Chen C.Y. 1179
see Sivanesan A. & Hsieh W.H. 1523
Hunter T. *see* Pei M.H., Royle D.J. & Hunter T. 845
Huss M.J. 1119
Hutchison L.J., Sigler L. & Hiratsuka Y. 1409
Hyde K.D. 799
Hyde K.D., Greenwood R. & Jones E.B.G.7
Hyde K.D. & Pearce C.A.1324
Hyde K.D. & Rappaz F.861
see Pearce C.A. & Hyde K.D.1272
see Pearce C.A. & Hyde K.D. *see* Fröhlich J., Raga N., Philemon E. & Hyde K.D. 1433
see Pearce C.A. & Hyde K.D.1437
Hywel-Jones N.L. 1126
Hywel-Jones N.L. & Evans H.C.871
Ingram D.S. *see* Dyer P.S., Ingram D.S. & Johnstone K. 485
Irwin J.A.G. *see* Masel A.M., Irwin J.A.G. & Manners J.M. 852
see Coates L.M., Muirhead I.F., Irwin J.A.G. & Gowanlock D.H. 1363
Jackson T.A. *see* Glare T.R., Jackson T.A. & Cisternas A.E. 336
Jailloux F. *see* Janex-Favre M.C., Parguey-Leduc A. & Jailloux F. 1333
Janex-Favre M.C., Parguey-Leduc A. & Jailloux F. 1333
Jaworski G.H.M. *see* Beakes G.W., Canter H.M. & Jaworski G.H.M. 1059
Jean-Louis A-M. *see* Gessner M.O., Thomas M., Jean-Louis A-M. & Chauvet E. 163
Jeger M.J. *see* Johanson A. & Jeger M.J. 670
Jenkins N.E. & Prior C. 1489
Jensen B., Wiebe M.G., Robson G.D., Trinci A.P.J. & Olsen J. 665
Jenssen H.B. *see* Såstad S.M. & Jenssen H.B. 1451
Ji J. & Moore D. 283
see Hammad F., Ji J., Watling R. & Moore D. 269
Jiang J. & Erwin D.C. 293
Jochova J., Rupes I. & Peberdy J.F. 23
Johanson A. & Jeger M.J. 670
Johansson M. *see* Hansen E.M., Stenlid J. & Johansson M. 1223
see Hansen E.M., Stenlid J. & Johansson M. 1229
Johnstone K. *see* Dyer P.S., Ingram D.S. & Johnstone K. 485
see Ashby A.M. & Johnstone K. 575
Jones A.M. & Jones E.B.G. 1
Jones E.B.G. *see* Jones A.M. & Jones E.B.G. 1
see Hyde K.D., Greenwood R. & Jones E.B.G. 7
see Manimohan P., Moss S.T. & Jones E.B.G. 1190
Jordan M.G.C. *see* Theodorou M.K., Davies D.R., Jordan M.G.C., Trinci A.P.J. & Orpin C.G. 1245
Kamada T. & Tsuru M. 884
Kamal *see* Rai A.N., Rai B. & Kamal 28

Katsuya K. *see* Masuhara G., Katsuya K. & Yamaguchi K. 746
Kennedy D.M. *see* Wilcox W.F., Scott P.H., Hamm P.B., Kennedy D.M., Duncan J.M., Brasier C.M. & Hansen E.M. 817
Kennedy R. *see* Usha C.M., Patkar K.L., Shetty H.S., Kennedy R. & Lacey J. 795
Kevei F. *see* Varga J., Kevei F., Fekete C., Coenen A., Kozakiewicz Z. & Croft J.H. 1207
Kimbrough J.W. *see* Maia L.C. & Kimbrough J.W. 1183
Kirk S.A. *see* Brasier C.M. & Kirk S.A. 811
Klassen G.R. *see* Hausner G., Reid J. & Klassen G.R. 625
Knight H., Trewavas A.J. & Read N.D. 1505
Ko W.H. *see* Chang T.T. & Ko W.H. 675
Koga H., Christensen M.J. & Bennett R.J. 1237
Kohlmeyer J. & Volkmann-Kohlmeyer B. 753
Kottke I. *see* Turnau K., Kottke I. & Oberwinkler F. 1499
Kozak K.R. *see* Foster L.M., Kozak K.R., Loftus M.G., Stevens J.J. & Ross I.K. 769
Kozakiewicz Z. *see* Varga J., Kevei F., Fekete C., Coenen A., Kozakiewicz Z. & Croft J.H. 1207
Kruse M. *see* Sandys-Winsch C., Whipps J.M., Gerlagh M. & Kruse M. 1175
Kutasi V. *see* Honegger R., Kutasi V. & Ruffner H.P. 35
Kuthubutheen K.J. & Nawawi A. 1305
Laborda F. *see* De Lucas J.R., Monistrol I.F. & Laborda F. 961
Lacey J. *see* Usha C.M., Patkar K.L., Shetty H.S., Kennedy R. & Lacey J. 795
see Ramakrishna N., Lacey J. & Smith J.E. 1393
Lan Z. *see* Wu E., Lan Z., Xiang Y. & Han Z. 1021
Lapeyrie F. & Mendgen K. 603
Larena I. & Melgarejo P. 105
Larous L. & Lösel D.M. 409, 415
Larsson E. *see* Hallenberg N. & Larsson E. 351
Lauren D.R. *see* Wing N., Bryden W.L., Lauren D.R. & Burgess L.W. 1441
Lee Y.-H. & Subbarao K.V. 782
Leuchtmann A. *see* Christensen M.J., Leuchtmann A., Rowan D.D. & Tapper B.A. 1083
Levanon D. *see* Amir R., Levanon D., Hadar Y. & Chet I. 683
Lévesque C.A., Beckenbach K., Baillie D.L. & Rahe J.E. 307
Lévesque C.A., Rahe J.E. & Eaves D.M. 299
Li Z., Butt T.M., Beckett A. & Wilding N. 1315
Liebman J.A., Caesar-TonThat T. & Epstein L. 1419
Liu X.-Z. & Qiu W.-F. 359
Lo Cicero S. *see* Caprari C., Richter A., Bergmann C., Lo Cicero S., Salvi G., Cervone F. & De Lorenzo G. 497
Lodolo E.J., Van Zyl W.H. & Rabie C.J. 345
Loftus M.G. *see* Foster L.M., Kozak K.R., Loftus M.G., Stevens J.J. & Ross I.K. 769
Lösel D.M. *see* Larous L. & Lösel D.M. 409
. *see* Larous L. & Lösel D.M. 415
Lucas J.A. *see* Hocart M.J., Lucas J.A. & Peberdy J.F. 967
see Hocart M.J., Lucas J.A. & Peberdy J.F. 977
Lynn K.T. *see* Cole G.T., Seshan K.R., Lynn K.T. & Franco M. 385
Lysek G. *see* Saxena G. & Lysek G. 1005
MacNish G.C. & Sweetingham M.W. 1056
Madeira A.C., Fryett K.P., Rossall S. & Clark J.A. 1217
Madrigal C., Tadeo J.L. & Melgarejo P. 634
Magan N. *see* Al Zaemey A.B., Magan N. & Thompson A.K. 1463
Maia L.C. & Kimbrough J.W. 1183
Makeshkumar T. *see* Singh K.P., Stephen R.A. & Makeshkumar T. 957
Malajczuk N. *see* Bougher N.L., Tommerup I.C. & Malajczuk N. 613
see Thomson B.D., Malajczuk N., Grove T.S. & Hardy G.T.St.J. 839
Mallaiah K.V. *see* Raghu Ram M. & Mallaiah K.V. 127
see Ram M.R. & Mallaiah K.V. 1407
see Raghu Ram M. & Mallaiah K.V. 1430
Manimohan P., Moss S.T. & Jones E.B.G. 1190
Manners J.M. *see* Masel A.M., Irwin J.A.G. & Manners J.M. 852
Mantle P.G. & McHugh K.M. 205
Marchant R. *see* Curragh H.J., Mooibroek H., Wessels J.G.H., Marchant R. & Mullan E. 313
Martin S.G. *see* Clement J.A., Martin S.G., Porter R., Butt T.M. & Beckett A. 585
Martins M.A. 807
Masel A.M., Irwin J.A.G. & Manners J.M. 852
Masirevic S. *see* Gulya T.J., Masirevic S. & Thomas C.E. 240
Masuhara G., Katsuya K. & Yamaguchi K. 746
Mathews R.P. *see* Banerjee A., Mathews R.P., Prakash H.S. & Shetty H.S. 1403
Matuszak J.M. *see* Gu W., Spielman L.J., Matuszak J.M., Aist J.R., Bayles C.J. & Fry W.E. 857
McBlain B.A. *see* Bhat R.G., McBlain B.A. & Schmitthenner A.F. 865
McClean T.M. *see* Miller S.L., Torres P. & McClean T.M. 141
McElhinney C. & Mitchell D.T. 725
McHugh K.M. *see* Mantle P.G. & McHugh K.M. 205
Medeiros R.B. *see* Dianese J.C., Medeiros R.B. & Santos L.T.P. 610
see Dianese J.C., Medeiros R.B., Santos L.T.P. & Sutton B.C. 1234
Mehrotra M.D. & Verma R.K. 1020
Melgarejo P. *see* Larena I. & Melgarejo P. 105
see Madrigal C., Tadeo J.L. & Melgarejo P. 634
Menasherov M. *see* Paster N., Droby S., Chalutz E., Menasherov M., Nitzan R. & Wilson C.L. 1201
Mendgen K. *see* Heiler S., Mendgen K. & Deising H. 77
see Lapeyrie F. & Mendgen K. 603
Miller S.L., Torres P. & McClean T.M. 141
Mills P.R. *see* Hodson A., Mills P.R. & Brown A.E. 329
see Sreenivasaprasad S., Brown A.E. & Mills P.R. 995
Mischiati P. & Fontana A. 40
Mitchell D.T. *see* McElhinney C. & Mitchell D.T. 725
Mitchell S.J. *see* Whipps J.M., Budge S.P. & Mitchell S.J. 697
Monistrol I.F. *see* De Lucas J.R., Monistrol I.F. & Laborda F. 961
Mooibroek H. *see* Curragh H.J., Mooibroek H., Wessels J.G.H., Marchant R. & Mullan E. 313
Moore D. *see* Chiu S.W. & Moore D. 221
see Hammad F., Ji J., Watling R. & Moore D. 269
see Hammad F., Watling R. & Moore D. 275
see Ji J. & Moore D. 283
see Wainwright M.P., Trinci A.P.J. & Moore D. 801
see Greening J.P., Holden J. & Moore D. 1001
see Novak Frazer L. & Moore D. 1113
Morikawa C., Saikawa M. & Barron G.L. 421
Moss S.T. *see* Manimohan P., Moss S.T. & Jones E.B.G. 1190
Mount R.C. *see* Hadfield C., Raina K.K., Shashi-Menon K. & Mount R.C. 897
Mouton M., Wingfield M.J. & van Wyk P.S. 99
Muirhead I.F. *see* Coates L.M., Muirhead I.F., Irwin J.A.G. & Gowanlock D.H. 1363
Mullan E. *see* Curragh H.J., Mooibroek H., Wessels J.G.H., Marchant R. & Mullan E. 313
Nair N.G. & Allen R.N. 1012
Nawawi A. *see* Kuthubutheen K.J. & Nawawi A. 1305
Neuvonen S. *see* Helander M.L., Ranta H. & Neuvonen S. 533
Nitzan R. *see* Paster N., Droby S., Chalutz E., Menasherov M., Nitzan R. & Wilson C.L. 1201
Noordeloos M.E., de Gruyter J., van Eijk G.W. & Roeijmans H.J. 1343
Novak Frazer L. & Moore D. 1113
Oberwinkler F. *see* Turnau K., Kottke I. & Oberwinkler F. 1499
O'Brien P.A. *see* Duncan S., Barton J.E. & O'Brien P.A. 1075
Okoli C.A.N., Carder J.H. & Barbara D.J. 233
Olsen J. *see* Jensen B., Wiebe M.G., Robson G.D., Trinci A.P.J. & Olsen J. 665
Orpin C.G. *see* Theodorou M.K., Davies D.R., Jordan M.G.C., Trinci A.P.J. & Orpin C.G. 1245
O'Sullivan E. *see* Tooley P.W., Therrien C.D., Sim J.H., O'Sullivan E. & Dowley L.J. 1131
Owen W.J. *see* Barker J.H.A., Smith T.A. & Owen W.J. 1358
Padgett D.E. & Posey M.H. 1476
Parguey-Leduc A. *see* Janex-Favre M.C., Parguey-Leduc A. & Jailloux F. 1333
Parmasto E. *see* Petersen R.H. & Parmasto E. 1213
Parry D.W. *see* Pettitt T.R., Parry D.W. & Polley R.W. 1172
Paster N., Droby S., Chalutz E., Menasherov M., Nitzan R. & Wilson C.L. 1201
Paterson R.R.M. 173
Patiño B. *see* Fernández N., Patiño B. & Vázquez C. 461
Patkar K.L. *see* Usha C.M., Patkar K.L., Shetty H.S., Kennedy R. & Lacey J. 795
Pearce C.A. & Hyde K.D. 1272, 1328, 1437
see Hyde K.D. & Pearce C.A. 1324
Peberdy J.F. *see* Jochova J., Rupes I. & Peberdy J.F. 23
see Ulhoa C.J. & Peberdy J.F. 45
see Hocart M.J., Lucas J.A. & Peberdy J.F. 967
see Hocart M.J., Lucas J.A. & Peberdy J.F. 977
Pehl L. *see* Butin H. & Pehl L. 1340
Pei M.H., Royle D.J. & Hunter T. 845
Perkins J. & Gadd G.M. 717
Petersen R.H. & Parmasto E. 1213
Peterson R.H. *see* Desjardin D.E., Gordon S.A. & Peterson R.H. 111
Petrini O. *see* Chapela I.H., Petrini O. & Bielser G. 157
Pettitt T.R., Parry D.W. & Polley R.W. 1172
Philemon E. *see* Fröhlich J., Raga N., Philemon E. & Hyde K.D. 1433
Phillips A.J.L. 456
Pollastro S. *see* Faretra F. & Pollastro S. 620
Polley R.W. *see* Pettitt T.R., Parry D.W. & Polley R.W. 1172
Porta-Puglia A. *see* Aragona M. & Porta-Puglia A. 1143
Porter R. *see* Clement J.A., Martin S.G., Porter R., Butt T.M. & Beckett A. 585
Posey M.H. *see* Padgett D.E. & Posey M.H. 1476
Poskitt J.M. *see* Dighton J., Poskitt J.M. & Brown T.K. 355
Powers R.H. *see* Bumpus J.A., Powers R.H. & Sun T. 95
Prakash H.S. *see* Banerjee A., Mathews R.P., Prakash H.S. & Shetty H.S. 1403
Prior C. *see* Jenkins N.E. & Prior C. 1489
Prosser J.I. 513
Pugh G.J.F. 1023
Punithalingam E. *see* Fisher P.J. & Punithalingam E. 661
Punithalingham E. & Harling R. 1299
Qiu W.-F. *see* Liu X.-Z. & Qiu W.-F. 359
Rabie C.J. *see* Lodolo E.J., Van Zyl W.H. & Rabie C.J. 345
Raga N. *see* Fröhlich J., Raga N., Philemon E. & Hyde K.D. 1433
Raghu Ram M. & Mallaiah K.V. 127, 1430
Rahe J.E. *see* Lévesque C.A., Rahe J.E. & Eaves D.M. 299

see Lévesque C.A., Beckenbach K., Baillie D.L. & Rahe J.E. 307
Rai A.N., Rai B. & Kamal 28
Rai B. *see* Rai A.N., Rai B. & Kamal 28
Raina K.K. *see* Hadfield C., Raina K.K., Shashi-Menon K. & Mount R.C. 897
Ram M.R. & Mallaiah K.V. 1407
Ramakrishna N., Lacey J. & Smith J.E. 1393
Ranta H. *see* Helander M.L., Ranta H. & Neuvonen S. 533
Rappaz F. *see* Hyde K.D. & Rappaz F. 861
Read N.D. *see* Knight H., Trewavas A.J. & Read N.D. 1505
Reid J. *see* Hausner G., Reid J. & Klassen G.R. 625
Reijnders A.F.M. 257
Richter A. *see* Caprari C., Richter A., Bergmann C., Lo Cicero S., Salvi G., Cervone F. & De Lorenzo G. 497
Rijkenberg F.H.J. *see* Coutinho T.A., Rijkenberg F.H.J. & Van Asch M.A.J. 951
Ritch D.L. *see* Therrien C.D., Tooley P.W., Spielman L.J., Fry W.E., Ritch D.L. & Shelly S.E. 945
Roberson R.W. 195
Roberts P. 213, 467
Robinson C.H., Dighton J. & Frankland J.C. 547
Robson A.D. *see* Gazey C., Abbott L.K. & Robson A.D. 785
Robson G.D. *see* Jensen B., Wiebe M.G., Robson G.D., Trinci A.P.J. & Olsen J. 665
Roderick H.W. 227
Roeijmans H.J. *see* Noordeloos M.E., de Gruyter J., van Eijk G.W. & Roeijmans H.J. 1343
Rombouts F.M. *see* De Ruiter G.A., van Bruggen-van der Lugt A.W., Rombouts F.M. & Gams W. 690
Ross I.K. *see* Foster L.M., Kozak K.R., Loftus M.G., Stevens J.J. & Ross I.K. 769
Rossall S. *see* Madeira A.C., Fryett K.P., Rossall S. & Clark J.A. 1217
Rossello M.A., Descals E. & Cabrer B. 68
Rowan D.D. *see* Christensen M.J., Leuchtmann A., Rowan D.D. & Tapper B.A. 1083
Royle D.J. *see* Pei M.H., Royle D.J. & Hunter T. 845
Ruffner H.P. *see* Honegger R., Kutasi V. & Ruffner H.P. 35
Rugg C.A. *see* Summerell B.A., Rugg C.A. & Burgess L.W. 1015
Rupes I. *see* Jochova J., Rupes I. & Peberdy J.F. 23
Saghai Maroof M.A. *see* Goodwin S.B., Saghai Maroof M.A., Allard R.W. & Webster R.K. 49
Saikawa M. *see* Morikawa C., Saikawa M. & Barron G.L. 421
Salvi G. *see* Caprari C., Richter A., Bergmann C., Lo Cicero S., Salvi G., Cervone F. & De Lorenzo G. 497
Samson R.A. *see* Straatsma G. & Samson R.A. 321
Sandys-Winsch C., Whipps J.M., Gerlagh M. & Kruse M. 1175
Santamaria S. 791
Santos L.T.P. *see* Dianese J.C., Medeiros R.B. & Santos L.T.P. 610
see Dianese J.C., Medeiros R.B., Santos L.T.P. & Sutton B.C. 1234
Saravay M. *see* Bettucci L. & Saravay M. 679
Såstad S.M. & Jenssen H.B. 1451
Saxena G. & Lysek G. 1005
Schalk van Wyk P. *see* Wingfield M.J. & Schalk van Wyk P. 709
Scheuer Ch. 543
Schmitthenner A.F. *see* Bhat R.G., McBlain B.A. & Schmitthenner A.F. 865
Schulz B., Wanke U., Draeger S. & Aust H.-J. 1447
Schuren F.H.J., Van der Lende T.R. & Wessels J.G.H. 538
Scott P.H. *see* Wilcox W.F., Scott P.H., Hamm P.B., Kennedy D.M., Duncan J.M., Brasier C.M. & Hansen E.M. 817
Seemüller E. *see* Stammler G., Seemüller E. & Duncan J.M. 150
Senior E. *see* Tosh J.E., Senior E., Smith J.E. & Watson-Craik I.A. 129
Seshan K.R. *see* Cole G.T., Seshan K.R., Lynn K.T. & Franco M. 385
Shashi-Menon K. *see* Hadfield C., Raina K.K., Shashi-Menon K. & Mount R.C. 897
Shelly S.E. *see* Therrien C.D., Tooley P.W., Spielman L.J., Fry W.E., Ritch D.L. & Shelly S.E. 945
Shetty H.S. *see* Usha C.M., Patkar K.L., Shetty H.S., Kennedy R. & Lacey J. 795
see Banerjee A., Mathews R.P., Prakash H.S. & Shetty H.S. 1403
Sigler L. *see* Hutchison L.J., Sigler L. & Hiratsuka Y. 1409
Silvanesan A., Abdullah S.K. & Abbas B.A. 1486
Sim J.H. *see* Tooley P.W., Therrien C.D., Sim J.H., O'Sullivan E. & Dowley L.J. 1131
Singh K.P., Stephen R.A. & Makeshkumar T. 957
Sivanesan A. & Hsieh W.H. 1523
Sivanesan A., Hsieh W.H. & Chen C.Y.1179
Sivapalan A. 71
Sjollema K.A., Dijksterhuis J., Veenhuis M. & Harder W. 479
Smith J.E. *see* Tosh J.E., Senior E., Smith J.E. & Watson-Craik I.A. 129
see Faraj M.K., Smith J.E. & Harran G. 1388
see Ramakrishna N., Lacey J. & Smith J.E. 1393
Smith S.E. *see* Cairney J.W.G. & Smith S.E. 1261
see Cairney J.W.G. & Smith S.E. 1267
Smith T.A. *see* Barker J.H.A., Smith T.A. & Owen W.J. 1358
Snyman H.G. *see* Aveling T.A.S. & Snyman H.G. 984
Soulier L., Foret V. & Arpin N. 529
Spielman L.J. *see* Gu W., Spielman L.J., Matuszak J.M., Aist J.R., Bayles C.J. & Fry W.E. 857
see Therrien C.D., Tooley P.W., Spielman L.J., Fry W.E., Ritch D.L. & Shelly S.E. 945
Sreenivasaprasad S., Brown A.E. & Mills P.R. 995
Sridhar K.R. & Bärlocher F. 1530
Stammler G., Seemüller E. & Duncan J.M. 150
Stenlid J. *see* Hansen E.M., Stenlid J. & Johansson M. 1223
see Hansen E.M., Stenlid J. & Johansson M. 1229
Stephen R.A. *see* Singh K.P., Stephen R.A. & Makeshkumar T. 957
Stephens T.M. *see* Brasier C.M. & Stephens T.M. 1416
Stevens J.J. *see* Foster L.M., Kozak K.R., Loftus M.G., Stevens J.J. & Ross I.K. 769
Stone J.K. *see* Cabral D., Stone J.K. & Carroll G.C. 367
Straatsma G. & Samson R.A. 321
Subbarao K.V. *see* Lee Y.-H. & Subbarao K.V. 782
Summerell B.A., Rugg C.A. & Burgess L.W. 1015
Sun T. *see* Bumpus J.A., Powers R.H. & Sun T. 95
Sutton B.C. *see* Dianese J.C., Sutton B.C. & Tessmann D.J. 123
see Dianese J.C., Medeiros R.B., Santos L.T.P. & Sutton B.C. 1234
Svensson C. *see* Engström K., Brishammar S., Svensson C., Bengtsson M. & Andersson R. 381
Swart W.J., Wingfield M.J. & van Wyk P. 832
Swart W.J., Wingfield M.J. & Grant W.S.1253
Sweetingham M.W. *see* MacNish G.C. & Sweetingham M.W. 1056
Tadeo J.L. *see* Madrigal C., Tadeo J.L. & Melgarejo P. 634
Taj-Aldeen S.J. 318
Taj-Aldeen S.J. & Alkenany K.I.15
Tanaka A. & Ueda M. 1025
Tapper B.A. *see* Christensen M.J., Leuchtmann A., Rowan D.D. & Tapper B.A. 1083
Ternström A. *see* Danell E., Alström S. & Ternström A. 1148
Tessmann D.J. *see* Dianese J.C., Sutton B.C. & Tessmann D.J. 123
Tewari J.P. *see* Yang J., Tewari J.P. & Verma P.R. 1516
Theodorou M.K., Davies D.R., Jordan M.G.C., Trinci A.P.J. & Orpin C.G. 1245
Therrien C.D., Tooley P.W., Spielman L.J., Fry W.E., Ritch D.L. & Shelly S.E. 945
see Tooley P.W., Therrien C.D., Sim J.H., O'Sullivan E. & Dowley L.J. 1131
Thomas C.E. *see* Gulya T.J., Masirevic S. & Thomas C.E. 240
Thomas M. *see* Gessner M.O., Thomas M., Jean-Louis A-M. & Chauvet E. 163
Thompson A.K. *see* Al Zaemey A.B., Magan N. & Thompson A.K. 1463
Thomson B.D., Malajczuk N., Grove T.S. & Hardy G.T.StJ. 839
Tiedt L.R. 1459
Tisserant B., Gianinazzi-Pearson V., Gianinazzi S. & Gollotte A. 245
To S.-W. *see* Chiu S.-W. & To S.-W. 363
Toft L. 290
Tommerup I.C. *see* Bougher N.L., Tommerup I.C. & Malajczuk N. 613
Tooley P.W., Therrien C.D., Sim J.H., O'Sullivan E. & Dowley L.J. 1131
see Therrien C.D., Tooley P.W., Spielman L.J., Fry W.E., Ritch D.L. & Shelly S.E. 945
Torres P. *see* Miller S.L., Torres P. & McClean T.M. 141
Tosh J.E., Senior E., Smith J.E. & Watson-Craik I.A. 129
Trappe J.M. *see* Walker C. & Trappe J.M. 339
Trewavas A.J. *see* Knight H., Trewavas A.J. & Read N.D. 1505
Trinci A.P.J. *see* Jensen B., Wiebe M.G., Robson G.D., Trinci A.P.J. & Olsen J. 665
see Wainwright M.P., Trinci A.P.J. & Moore D. 801
see Theodorou M.K., Davies D.R., Jordan M.G.C., Trinci A.P.J. & Orpin C.G. 1245
Tsuru M. *see* Kamada T. & Tsuru M. 884
Turnau K., Kottke I. & Oberwinkler F. 1499
Tzean S.S. *see* Chen J.L. & Tzean S.S. 347
see Chen J.L. & Tzean S.S. 637
Ueda M. *see* Tanaka A. & Ueda M. 1025
Ulhoa C.J. & Peberdy J.F. 45
Usha C.M., Patkar K.L., Shetty H.S., Kennedy R. & Lacey J. 795
Van Asch M.A.J. *see* Coutinho T.A., Rijkenberg F.H.J. & Van Asch M.A.J. 951
Van Zyl W.H. *see* Lodolo E.J., Van Zyl W.H. & Rabie C.J. 345
van Bruggen-van der Lugt A.W. *see* De Ruiter G.A., van Bruggen-van der Lugt A.W., Rombouts F.M. & Gams W. 690
Van der Lende T.R. *see* Schuren F.H.J., Van der Lende T.R. & Wessels J.G.H. 538
van der Vlugt-Bergmans C.J.B., Brandwagt B.F., van't Klooster J.W., Wagemakers C.A.M. & van Kan J.A.L. 1193
van Eijk G.W. *see* Noordeloos M.E., de Gruyter J., van Eijk G.W. & Roeijmans H.J. 1343
van Kan J.A.L. *see* van der Vlugt-Bergmans C.J.B., Brandwagt B.F., van't Klooster J.W., Wagemakers C.A.M. & van Kan J.A.L. 1193
van't Klooster J.W. *see* van der Vlugt-Bergmans C.J.B., Brandwagt B.F., van't Klooster J.W., Wagemakers C.A.M. & van Kan J.A.L. 1193
van Wyk P. *see* Swart W.J., Wingfield M.J. & van Wyk P. 832
van Wyk P.S. *see* Mouton M., Wingfield M.J. & van Wyk P.S. 99
Varga J., Kevei F., Fekete C., Coenen A., Kozakiewicz Z. & Croft J.H. 1207
Vázquez C. *see* Fernández N., Patiño B. & Vázquez C. 461
Veenhuis M. *see* Sjollema K.A., Dijksterhuis J., Veenhuis M. & Harder W. 479

Verkley G.J.M. 179
Verma P.R. *see* Yang J., Tewari J.P. & Verma P.R. 1516
Verma R.K. *see* Mehrotra M.D. & Verma R.K. 1020
Volkmann-Kohlmeyer B. *see* Kohlmeyer J. & Volkmann-Kohlmeyer B. 753
Wagemakers C.A.M. *see* van der Vlugt-Bergmans C.J.B., Brandwagt B.F., van't Klooster J.W., Wagemakers C.A.M. & van Kan J.A.L. 1193
Wainwright M.P., Trinci A.P.J. & Moore D. 801
Walker C. & Trappe J.M. 339
Waller J.M., Bridge P.D., Black R. & Hakiza G. 989
Wanke U. *see* Schulz B., Wanke U., Draeger S. & Aust H.-J. 1447
Watling R. *see* Hammad F., Ji J., Watling R. & Moore D. 269
see Hammad F., Watling R. & Moore D. 275
Watson-Craik I.A. *see* Tosh J.E., Senior E., Smith J.E. & Watson-Craik I.A. 129
Webster R.K. *see* Goodwin S.B., Saghai Maroof M.A., Allard R.W. & Webster R.K. 49
Weir A. 509
Weir A. & Beakes G.W. 1045
Wessels J.G.H. *see* Curragh H.J., Mooibroek H., Wessels J.G.H., Marchant R. & Mullan E. 313
see Schuren F.H.J., Van der Lende T.R. & Wessels J.G.H. 538
Whipps J.M. 1277
Whipps J.M., Budge S.P. & Mitchell S.J. 697
see Sandys-Winsch C., Whipps J.M., Gerlagh M. & Kruse M. 1175
Wiebe M.G. *see* Jensen B., Wiebe M.G., Robson G.D., Trinci A.P.J. & Olsen J. 665
Wilcox W.F., Scott P.H., Hamm P.B., Kennedy D.M., Duncan J.M., Brasier C.M. & Hansen E.M. 817
Wilding N. *see* Li Z., Butt T.M., Beckett A. & Wilding N. 1315
Wilkens S. & Field C.D. 1135
Wilson C.L. *see* Paster N., Droby S., Chalutz E., Menasherov M., Nitzan R. & Wilson C.L. 1201
Wing N., Bryden W.L., Lauren D.R. & Burgess L.W. 1441
Wingfield M.J. & Schalk van Wyk P. 709
see Mouton M., Wingfield M.J. & van Wyk P.S. 99
see Crous P.W. & Wingfield M.J. 433
see Crous P.W., Wingfield M.J., Ferreira F.A. & Alfenas A. 582
see Crous P.W., Alfenas A.C. & Wingfield M.J. 701
see Swart W.J., Wingfield M.J. & van Wyk P. 832
see Crous P.W., Wingfield M.J. & Alfenas A.C. 889
see Swart W.J., Wingfield M.J. & Grant W.S. 1253
Wu E., Lan Z., Xiang Y. & Han Z. 1021
Wyss P. & Bonfante P. 1351
Xiang Y. *see* Wu E., Lan Z., Xiang Y. & Han Z. 1021
Yamaguchi K. *see* Masuhara G., Katsuya K. & Yamaguchi K. 746
Yang J., Tewari J.P. & Verma P.R. 1516
Yang X. *see* Griffiths A.J.F. & Yang X. 1379

SUBJECT INDEX

Abies grandis
Kabatina abietis sp. nov., associated with browning of fir needles 1340
Acaulospora laevis
VA mycorrhizal spores from three species of *Acaulospora*: germination, longevity and hyphal growth 785
Acaulospora morrowiae
Ultastructural studies of spore walls of *Acaulospora morrowiae* and *A. scrobiculata* 1183
Acaulospora scrobiculata
Ultastructural studies of spore walls of *Acaulospora morrowiae* and *A. scrobiculata* 1183
Acaulospora trappei
VA mycorrhizal spores from three species of *Acaulospora*: germination, longevity and hyphal growth 785
Acid rain
Responses of phyllosphere microfungi to simulated sulphuric and nitric acid deposition 533
Interpretation of regional differences in the fungal biota as effects of atmospheric pollution 1451
Acremonium coenophialum
Taxonomy of *Acremonium* endophytes of tall fescue (*Festuca arundinacea*) meadow fescue (*F. pratensis*) and perennial rye-grass (*Lolium perenne*) 1083
Incompatibility of some grass-*Acremonium* endophyte associations 1237
Acremonium lolii
Taxonomy of *Acremonium* endophytes of tall fescue (*Festuca arundinacea*) meadow fescue (*F. pratensis*) and perennial rye-grass (*Lolium perenne*) 1083
Incompatibility of some grass-*Acremonium* endophyte associations 1237
Acremonium uncinatum
Taxonomy of *Acremonium* endophytes of tall fescue (*Festuca arundinacea*) meadow fescue (*F. pratensis*) and perennial rye-grass (*Lolium perenne*) 1083
Aflatoxin
Fungal colonization and mycotoxin contamination of developing rice grain 795
Aflatoxin biodegradation: effects of temperature and microbes 1388
Mycobiota and toxigenic *Aspergillus flavus* isolates associated with developing cardamom and pepper 1403
Agaricales
On the origin of specialised trama types in the Agaricales 257
Agaricus bisporus
Taxonomy of *Scytalidium thermophilum*, an important thermophilic fungus in mushroom compost 321
Occurrence of agaritine and γ-glutaminyl-4-hydroxybenzene (GHB) in the fructifying mycelium of *Agaricus bisporus* 529
Agaricus brunnescens
Basidiospore viability and germination in ectomycorrhizal and saprotrophic basidiomycetes 141
Agaritine
Occurrence of agaritine and γ-glutaminyl-4-hydroxybenzene (GHB) in the fructifying mycelium of *Agaricus bisporus* 529
Agrocybe gibberosa
Resource capture by interacting fungal colonisers of straw 547
Alkaline phosphatase
In planta histochemical staining of fungal alkaline phosphatase activity for analysis of efficient arbuscular mycorrhizal infections 245
Alkane metabolism
Assimilation of alkanes by yeasts: functions and biogenesis of peroxisomes 1025
Allium sativum
Infection studies of *Stemphylium vesicarium* on onion leaves 984
Allium sepum
Infection studies of *Stemphylium vesicarium* on onion leaves 984
Alnus glutinosa
Stable successional patterns of aquatic hyphomycetes on leaves decaying in a summer cool stream 163
Alternaria alternata
Aflatoxin biodegradation: effects of temperature and microbes 1388
Anaerobic fungi
Comparison of anaerobic fungi in faeces and rumen digesta of newly-born and adult ruminants 1245
Anamorphs
Teleomorph-anamorph connections in ascomycetes: *Microdiplodia* anamorph of *Karstenula rhodostoma* 377
Ananas comosus
Annellolacinia pandanicola sp. nov. with notes on *A. dinemasporioides* from pineapple 1433
Annellolacinia dinemasporioides
Annellolacinia pandanicola sp. nov. with notes on *A. dinemasporioides* from pineapple 1433
Annellolacinia pandanicola
Annellolacinia pandanicola sp. nov. with notes on *A. dinemasporioides* from pineapple 1433
Antagonism
The lytic enzymatic complex of *Penicillium purpurogenum* and its effects on *Monilinia laxa* 105
Anthracnose
Studies on the effect of fruit-coating polymers and organic acids on growth of *Colletotrichum musae in vitro* and on post harvest control of anthracnose of bananas 1463
Anthraquinones
Anthraquinones from some *Drechslera* species and *Bipolaris sorokiniana* 381
Antibiotic production
Production and leakage of antibiotics by *Rhizoctonia cerealis*, *R. oryzae-sativae* and *R. tuliparum* 86
Antifungal activity
Studies on the effect of fruit-coating polymers and organic acids on growth of *Colletotrichum musae in vitro* and on post harvest control of anthracnose of bananas 1463
Appressorium
Initial infection processes by *Colletotrichum gloeosporioides* on avocardo fruit 1363
Appressorium formation
Appressorium formation by *Hemileia vastatrix* 951
Infection studies of *Stemphylium vesicarium* on onion leaves 984
Time-course of appressorium formation on host plants by arbuscular mycorrhizal fungi 1140
Aquatic hyphomycetes
Stable successional patterns of aquatic hyphomycetes on leaves decaying in a summer cool stream 163
Three new and several interesting species of *Sporidesmiella* from submerged litter in Malaysia 1305
Aquatic hyphomycetes on leaf litter in and near a stream in Nova Scotia, Canada 1530
Arbuscular mycorrhizal fungi
Time-course of appressorium formation on host plants by arbuscular mycorrhizal fungi 1140

Arbuscular-mycorrhyzas
Amplification of genomic DNA of arbuscular-mycorrhizal (AM) fungi by PCR using short arbitrary primers 1351
Asaphomyces tubanticus
New British Laboulbeniales 1045
Ascheronia samoensis
Taxonomy and ecology of *Hypocrella discoidea* and its anamorph, *Ascheronia samoensis* 871
Ascochyta
Production of dendritic crystals in pure cultures of *Phoma* and *Ascochyta* and its value as a taxonomic character relative to morphology, pathology, and cultural characteristics 1343
Ascochyta fabae
Interaction between *Ascochyta fabae* and *Botrytis fabae* 1217
Ascochyta pinodes
Production of dendritic crystals in pure cultures of *Phoma* and *Ascochyta* and its value as a taxonomic character relative to morphology, pathology, and cultural characteristics 1343
Ascospore eclosion
The physiology of ascospore eclosion in *Hypoxylon fragiforme*: mechanisms in the early recognition and establishment of an endophytic symbiosis 157
Ascospore morphology
Ultrastructure of the ascospore wall and appendages of *Remispora galerita* 1190
Aspergillus
Nephrotoxic fungi in foods from nephropathy households in Bulgaria 205
Aspergillus flavus
Fungal colonization and mycotoxin contamination of developing rice grain 795
Evaluation of the potential of the yeast *Pichia guilliermondii* as a biocontrol agent against *Aspergillus flavus* and fungi of stored soya beans 1201
Aflatoxin biodegradation: effects of temperature and microbes 1388
Effects of water activity and temperature on the growth of fungi interacting on barley grain 1393
Mycobiota and toxigenic *Aspergillus flavus* isolates associated with developing cardamom and pepper 1403
Aspergillus nidulans
Effect of the microtubule inhibitor benomyl on protein secretion in *Aspergillus nidulans* 23
Effect of antimicrotubular drugs on the secretion process of extracellular proteins in *Aspergillus nidulans* 961
Aspergillus niger
Aggregation of spores and biomass of *Phanerochaete chrysosporium* in liquid culture and the effect of anionic polymers on this process 801
Restriction fragment length polymorphisms in the mitochondrial DNAs of the *Aspergillus niger* aggregate 1207
Aflatoxin biodegradation: effects of temperature and microbes 1388
An electron microscope study of conidiogenesis and wall formation of conidia of *Aspergillus niger* 1459
Aspergillus niveus
Properties of the cellulolytic system from *Aspergillus niveus* 15
Asterionella formosa
Sporangium differentiation and zoospore fine-structure of the chytrid *Rhizophydium planktonicum*, a fungal parasite of *Asterionella formosa* 1059
Atmospheric pollution
Interpretation of regional differences in the fungal biota as effects of atmospheric pollution 1451
Aureobasidium
Responses of phyllosphere microfungi to simulated sulphuric and nitric acid deposition 533
Autophagomyces falcatus
New British Laboulbeniales 1045
Avidcennia
Eutypa bathurstensis sp. nov. from intertidal *Avidcennia* 861
Bacillus stearothermophilus
Aflatoxin biodegradation: effects of temperature and microbes 1388
Balkan endemic nephropathy
Nephrotoxic fungi in foods from nephropathy households in Bulgaria 205
Bamboo
Podosporium elongatum, a new synnematous hyphomycete from Taiwan 637
Barringtonia racemosa
Phyllachora barringtoniicola nom. nov. and *Phyllachora naqsii* sp. nov. causing leaf spots on *Barringtonia* spp. 1324
Basidiobolus ranarum
Confocal microscopy of living fungal hyphae microinjected with Ca^{2+}-sensitive fluorescent dyes 1505
Basidiocarp development
Occurrence of agaritine and γ-glutaminyl-4-hydroxybenzene (GHB) in the fructifying mycelium of *Agaricus bisporus* 529
The onset of the helical arrangement of chitin microfibrils in fruit body development of *Coprinus cinereus* 884
Basidiome development
Cell population dynamics in *Coprinus cinereus*: Co-ordination of cell inflation throughout the maturing basidiome 269
Cell population dynamics in *Coprinus cinereus*: narrow and inflated hyphae in the basidiome stipe 275
Glycogen metabolism in relation to fruit body maturation in *Coprinus cinereus* 283
Endogenous glycogen is not a trigger for fruiting in *Pleurotus sajor-caju* 363
Fruiting genes of *Schizophyllum commune* are transcriptionally regulated 538
Basidiospore germination
Basidiospore viability and germination in ectomycorrhizal and saprotrophic basidiomycetes 141
Beauveria vermiconia
Beauveria vermiconia is an entomopathogenic fungus 336
Benomyl
Effect of the microtubule inhibitor benomyl on protein secretion in *Aspergillus nidulans* 23
Effect of antimicrotubular drugs on the secretion process of extracellular proteins in *Aspergillus nidulans* 961
Benomyl agar
An improved estimation of the incidence of *Microdochium nivale* in winter wheat stems in England and Wales, during 1992, by use of benomyl agar 1172
Berkeley Award Lecture
Saprotrophic cord-forming fungi: warfare strategies and other ecological aspects 641
Betula pendula
Ectomycorrhizal seedling response to selected components of landfill leachate 129
Biodegradation
Biodegradation of DDE (1,1-Dichloro-2,2-Bis (4-chlorophenyl) ethene) by *Phanerochaete chrysosporium* 95
Aflatoxin biodegradation: effects of temperature and microbes 1388
Biological control
Effect of carbon source on chitobiase production by *Trichoderma harzianum* 45
A new species of *Sphaerulina* and its *Phloeospora* anamorph, with potential for biological control of *Mimosa pigra* 59
World distribution of the sclerotial mycoparasite *Coniothyrium minitans* 1175
Evaluation of the potential of the yeast *Pichia guilliermondii* as a biocontrol agent against *Aspergillus flavus* and fungi of stored soya beans 1201
Growth of the collembolan *Folsomia candida* on cultures of the mycoparasite *Coniothyrium minitans* and sclerotia of *Sclerotinia sclerotiorum* 1277
The structure of dry mycelia of the entomophthoralean fungi *Zoophthora radicans* and *Erynia neoaphidis* following different preparatory treatments 1315
Bipolaris sorokiniana
Anthraquinones from some *Drechslera* species and *Bipolaris sorokiniana* 381
Botryosphaeria dothidea
Comparison of *Sphaeropsis sapinea* and *Sphaeropsis sapinea* f. sp. *cupressi* 1253
Botryotinia fuckeliana
Isolation, characterization and genetic analysis of laboratory mutants of *Botryotinia fuckeliana* resistant to the phenylpyrrole fungicide CGA 173506 620
Botrytis cinerea
Infection of grape flowers and berries by *Botrytis cinerea* as a function of time and temperature 1012
Genetic variation and segregation of DNA polymorphisms in *Botrytis cinerea* 1193
Botrytis fabae
Interaction between *Ascochyta fabae* and *Botrytis fabae* 1217
Brassica napus
Calcium oxalate crystal formation in *Rhizoctonia solani* AG 2-1 culture and infected crucifer tissue: relationship between host calcium and resistance 1516

Brefeldin A
Production of dendritic crystals in pure cultures of *Phoma* and *Ascochyta* and its value as a taxonomic character relative to morphology, pathology, and cultural characteristics 1343
Caesium toxicity
Caesium toxicity, accumulation and intracellular localization in yeasts717
Calcium
Changes in motility of *Pythium* zoospores induced by calcium and calcium-modulating drugs 877
Antagonists and inhibitors of calcium accumulation do not impair gravity perception though they adversely affect the gravitropic responses of *Coprinus cinereus* stipes 1113
Molecular recognition in the homing responses of zoosporic fungi, with special reference to *Pythium* and *Phytophthora* 1153
Confocal microscopy of living fungal hyphae microinjected with Ca^{2+}-sensitive fluorescent dyes 1505
Calcium oxalate
Calcium oxalate crystal formation in *Rhizoctonia solani* AG 2-1 culture and infected crucifer tissue: relationship between host calcium and resistance 1516
Calonectria crotalariae
Cylindrocladium parasiticum sp. nov., a new name for *C. crotalariae* 889
Calonectria ilicicola
Cylindrocladium parasiticum sp. nov., a new name for *C. crotalariae* 889
Calonectria morganii
Calonectria scoparia and *Calonectria morganii* sp. nov., and variation among isolates of their *Cylindrocladium* anamorphs 701
Calonectria scoparia
Calonectria scoparia and *Calonectria morganii* sp. nov., and variation among isolates of their *Cylindrocladium* anamorphs 701
Camelina sativa
Calcium oxalate crystal formation in *Rhizoctonia solani* AG 2-1 culture and infected crucifer tissue: relationship between host calcium and resistance 1516
Candida albicans
Gastrointestinal candidiasis: histopathology of *Candida*-host interactions in a murine model 385
Caesium toxicity, accumulation and intracellular localization in yeasts717
Candida tropicalis
Assimilation of alkanes by yeasts: functions and biogenesis of peroxisomes 1025
Candidiasis
Gastrointestinal candidiasis: histopathology of *Candida*-host interactions in a murine model 385
Cantharellus cibarius
Pseudomonas fluorescens in association with fruit bodies of the edible ectomycorrhizal mushroom *Cantharellus cibarius* 1148
Cantharomyces orientalis
New British Laboulbeniales 1045
Carbon transfer
The role of the external mycelium of arbuscular mycorrhizal fungi in the carbon transfer process between plants 807
Catenaria anguillulae
Development of *Catenaria anguillulae* in *Heterodera cajani* 957
Catenarin
Anthraquinones from some *Drechslera* species and *Bipolaris sorokiniana* 381
Cellulolytic activity
Properties of the cellulolytic system from *Aspergillus niveus* 15
Cellulolytic enzymes of the obligately biotrophic rust fungus *Uromyces viciae-fabae* are regulated differentiation-specifically 77
Cephaliophora longispora
Fungal predators of rotifers – a comparative study of *Zoophagus, Lecophagus* and *Cephaliophora* 421
Cephaliophora muscicola
Fungal predators of rotifers – a comparative study of *Zoophagus, Lecophagus* and *Cephaliophora* 421
Ceratocystiopsis
Ceratocystiopsis: a reappraisal based on molecular criteria 625
Ceratocystiopsis proteae
A new species of *Ophiostoma* from *Protea* infructescences in South Africa 709
Ceratocystis fagacearum
Sibling species within *Ophiostoma piceae* 811
Ceratocystis ips
Ceratocystiopsis: a reappraisal based on molecular criteria 625
Ceratosebacina
Exidiopsis species from Devon, including the new segregate genera *Ceratosebacina, Endoperpleza, Microsebacina,* and *Serendipita* 467
Ceratosebacina longispora
Exidiopsis species from Devon, including the new segregate genera *Ceratosebacina, Endoperpleza, Microsebacina,* and *Serendipita* 467
Ceratostomella piceae
Temperature-growth responses distinguish the OPC and OPH sibling species within *'Ophiostoma piceae'* 1416
Ceratostomella quercus
Temperature-growth responses distinguish the OPC and OPH sibling species within *'Ophiostoma piceae'* 1416
Cercospora leucaenae-leucocephalae
New species of *Cercospora, Cercosporidium* and *Pseudocercospora* from India 1430
Cercosporidium leucaeni
New species of *Cercospora, Cercosporidium* and *Pseudocercospora* from India 1430
C.G.C. Chesters
Obituary C.G.C. Chesters: 9 March 1904–13 February 1993 1023
Chaetomium globosum
Resource capture by interacting fungal colonisers of straw 547
Chemotaxis
Molecular recognition in the homing responses of zoosporic fungi, with special reference to *Pythium* and *Phytophthora* 1153
Chitin
The onset of the helical arrangement of chitin microfibrils in fruit body development of *Coprinus cinereus* 884
Chitinolytic activity
Effect of carbon source on chitobiase production by *Trichoderma harzianum* 45
Chitobiase
Effect of carbon source on chitobiase production by *Trichoderma harzianum* 45
Chromosomes
Mini-chromosomes of *Colletotrichum* spp. infecting several host species in various countries 852
Cladosporium cucumerinum
Degradation of flavipin by *Monilinia laxa* 634
Cloned gene products
The expression and performance of cloned genes in yeasts 897
Cochliobolus victoriae
Ultrastructure of *Cochliobolus victoriae* conidia incubated on fungistatic soil 1419
Coffee berry disease
Characterization of the coffee berry disease pathogen, *Colletotrichum kahawae* sp. nov. 989
Coffee berry disease pathogen in Africa: genetic structure and relationship to the group species *Colletotrichum gloeosporioides* 995
Collembola
Growth of the collembolan *Folsomia candida* on cultures of the mycoparasite *Coniothyrium minitans* and sclerotia of *Sclerotinia sclerotiorum* 1277
Colletotrichum
Mini-chromosomes of *Colletotrichum* spp. infecting several host species in various countries 852
Colletotrichum gloeosporioides
Ribosomal and mitochondrial DNA polymorphisms in *Colletotrichum gloeosporioides* isolated from tropical fruits 329
Characterization of the coffee berry disease pathogen, *Colletotrichum kahawae* sp. nov. 989
Coffee berry disease pathogen in Africa: genetic structure and relationship to the group species *Colletotrichum gloeosporioides* 995
Initial infection processes by *Colletotrichum gloeosporioides* on avocardo fruit 1363
Colletotrichum kahawae
Characterization of the coffee berry disease pathogen, *Colletotrichum kahawae* sp. nov. 989
Coffee berry disease pathogen in Africa: genetic structure and relationship to the group species *Colletotrichum gloeosporioides* 995
Colletotrichum musae
Studies on the effect of fruit-coating polymers and organic acids on growth of *Colletotrichum musae in vitro* and on post harvest control of anthracnose of bananas 1463
Colletotrichum taiwanense
A new ascomycete, *Glomerella septospora* sp. nov. and its coelomycete anamorph, *Colletotrichum taiwanense* sp. nov. from Taiwan 1523
Collybia flaccida
Observations on two rhizomorph-forming species of *Marasmiellus* 111
Colony development
Growth kinetics of mycelial colonies and aggregates of ascomycetes 513

Confocal microscopy
Confocal microscopy of living fungal hyphae microinjected with Ca^{2+}-sensitive fluorescent dyes 1505
Conidia
The infection of white clover (*Trifolium repens*) by conidia of *Cymadothea trifolii* 227
Ultrastructure of *Cochliobolus victoriae* conidia incubated on fungistatic soil 1419
Conidial formation
Conidium development in *Phialocephala dimorphospora* and a new pattern of wall thickening 99
Growth and formation of true conidia by *Metarhizium flavoviride* in a simple liquid medium 1489
Conidial germination
Effects of water on germination of powdery mildew conidia 71
Infection studies of *Stemphylium vesicarium* on onion leaves 984
Conidial morphology
Variation in conidial morpholgy among geographic isolates of *Sphaeropsis sapinea* 832
Comparison of *Sphaeropsis sapinea* and *Sphaeropsis sapinea* f. sp. *cupressi* 1253
Conidiogenesis
An electron microscope study of conidiogenesis and wall formation of conidia of *Aspergillus niger* 1459
Coniella costae
Coniella costae sp. nov. on leaves of *Myrcia tomentosa* from Brazilian cerrado 1234
Coniella minima
Endophytic fungi of *Eucalyptus globulus*: a preliminary study 679
Coniothyrium minitans
Observations on sclerotial mycoparasites of *Sclerotinia sclerotiorum* 697
World distribution of the sclerotial mycoparasite *Coniothyrium minitans* 1175
Growth of the collembolan *Folsomia candida* on cultures of the mycoparasite *Coniothyrium minitans* and sclerotia of *Sclerotinia sclerotiorum* 1277
Conocybe lactea
Basidiospore viability and germination in ectomycorrhizal and saprotrophic basidiomycetes 141
Coprinus bilanatus
Transformation of the homobasidiomycete *Coprinus bilanatus* to 5-fluoroindole resistance using a mutant trp3 gene from *Coprinus cinereus* 1281
Coprinus cinereus
Cell form, function and lineage in the hymenia of *Coprinus cinereus* and *Volvariella bombycina* 221
Cell population dynamics in *Coprinus cinereus*: Co-ordination of cell inflation throughout the maturing basidiome 269
Cell population dynamics in *Coprinus cinereus*: narrow and inflated hyphae in the basidiome stipe 275
Glycogen metabolism in relation to fruit body maturation in *Coprinus cinereus* 283
The onset of the helical arrangement of chitin microfibrils in fruit body development of *Coprinus cinereus* 884
Distribution of mechanical stress is not involved in regulating stipe gravitropism in *Coprinus cinereus* 1001
Antagonists and inhibitors of calcium accumulation do not impair gravity perception though they adversely affect the gravitropic responses of *Coprinus cinereus* stipes 1113
Transformation of the homobasidiomycete *Coprinus bilanatus* to 5-fluoroindole resistance using a mutant trp3 gene from *Coprinus cinereus* 1281
Coprinus quadrifidus
Basidiospore viability and germination in ectomycorrhizal and saprotrophic basidiomycetes 141
Cord forming fungi
Saprotrophic cord-forming fungi: warfare strategies and other ecological aspects 641
Cryopreservation
Preservation of air-dried downy mildew sporangia in liquid nitrogen without cryoprotectants or controlled freezing 240
Cryptoniesslia
Cryptoniesslia setulosa gen. et sp. nov. 543
Cryptoniesslia setulosa
Cryptoniesslia setulosa gen. et sp. nov. 543
Cryptovalsa halosarceicola
Cryptovalsa halosarceicola sp. nov. an intertidal saprotroph of *Halosarceia halocnemoides* 799
Culture
In vitro culture of *Tuber magnatum* mycelium isolated from mycorrhizas 40
Cyclobalanopsis mori
Prostratus, a new diaporthaceous ascomycete genus on *Cyclobalanopsis* from Taiwan 1179
Cylindrocladiella elegans
A re-evaluation of *Cylindrocladiella*, and a comparison with morphologically allied genera 433
Cylindrocladiella lageniformis
A re-evaluation of *Cylindrocladiella*, and a comparison with morphologically allied genera 433
Cylindrocladium candelabrum
Calonectria scoparia and *Calonectria morganii* sp. nov., and variation among isolates of their *Cylindrocladium* anamorphs 701
Cylindrocladium crotalariae
Cylindrocladium parasiticum sp. nov., a new name for *C. crotalariae* 889
Cylindrocladium parasiticum
Cylindrocladium parasiticum sp. nov., a new name for *C. crotalariae* 889
Cylindrocladium scoparium
Calonectria scoparia and *Calonectria morganii* sp. nov., and variation among isolates of their *Cylindrocladium* anamorphs 701
Cylindrosporium concentricum
Expression of the *E. coli* β-glucuronidase gene in the light leaf spot pathogen *Pyrenopeziza brassicae* and its use as a reporter gene to study developmental interactions in fungi 575
Cymadothea trifollii
The infection of white clover (*Trifolium repens*) by conidia of *Cymadothea trifolii* 227
Cynodontin
Anthraquinones from some *Drechslera* species and *Bipolaris sorokiniana* 381
Dactylella ramiformis
A new species of *Dactylella* from China 359
DDE
Biodegradation of DDE (1,1-Dichloro-2,2-Bis (4-chlorophenyl) ethene) by *Phanerochaete chrysosporium* 95
Dendritic crystals
Production of dendritic crystals in pure cultures of *Phoma* and *Ascochyta* and its value as a taxonomic character relative to morphology, pathology, and cultural characteristics 1343
Detection
Comparison of anaerobic fungi in faeces and rumen digesta of newly-born and adult ruminants 1245
Development
Cell population dynamics in *Coprinus cinereus*: Co-ordination of cell inflation throughout the maturing basidiome 269
Cell population dynamics in *Coprinus cinereus*: narrow and inflated hyphae in the basidiome stipe 275
Glycogen metabolism in relation to fruit body maturation in *Coprinus cinereus* 283
Expression of the *E. coli* β-glucuronidase gene in the light leaf spot pathogen *Pyrenopeziza brassicae* and its use as a reporter gene to study developmental interactions in fungi 575
Development of *Catenaria anguillulae* in *Heterodera cajani* 957
Distribution of mechanical stress is not involved in regulating stipe gravitropism in *Coprinus cinereus* 1001
Antagonists and inhibitors of calcium accumulation do not impair gravity perception though they adversely affect the gravitropic responses of *Coprinus cinereus* stipes 1113
Diaporthe phaseolorum* var *caulivora
Saprotrophic ability of *Diaporthe phaseolorum* var. *caulivora* on host and non-host plant, and on abiotic substrates 782
Diphymyces urbasoli
A new species of *Diphymyces* from Spain 791
Diplodia mutila
Comparison of *Sphaeropsis sapinea* and *Sphaeropsis sapinea* f. sp. *cupressi* 1253
Disciotis venosa
Comparative study of elongated and globose Woronin bodies using electron energy loss spectroscopy (EELS) and imaging (ESI) 1499
Distribution
World distribution of the sclerotial mycoparasite *Coniothyrium minitans* 1175
DNA polymorphism
Genetic variation and segregation of DNA polymorphisms in *Botrytis cinerea* 1193

Drechslera
Anthraquinones from some *Drechslera* species and *Bipolaris sorokiniana* 381

Drechslera graminea
Genetic transformation of the phytopathogenic fungus *Pyrenophora graminea* 1143

Dutch elm disease
Molecular relationships between *Ophiostoma ulmi* and the NAN and EAN races of *O. novo-ulmi* determined by restriction fragment length polymorphisms of nuclear DNA 449
Molecular relationships of the mitochondrial DNA of *Ophiostoma ulmi* and the NAN and EAN races of *O. novo-ulmi* determined by restriction fragment length polymorphisms 1093

Ecology
Resource capture by interacting fungal colonisers of straw 547
Saprotrophic cord-forming fungi: warfare strategies and other ecological aspects 641
Spatial distribution among mycelial individuals of *Lycoperdon pyriforme* occurring on decaying logs 1119
Pseudomonas fluorescens in association with fruit bodies of the edible ectomycorrhizal mushroom *Cantharellus cibarius* 1148
Interpretation of regional differences in the fungal biota as effects of atmospheric pollution 1451
Aquatic hyphomycetes on leaf litter in and near a stream in Nova Scotia, Canada 1530

Ectomycorrhizal fungi
Quantitative estimation of surface carbohydrates of ectomycorrhizal fungi in pure culture and during *Eucalyptus* root infection 603
Broad variation in developmental and mature basidiome morphology of the ectomycorrhizal fungus *Hydnangium sublamellatum* sp. nov. bridges morphologically-based generic concepts of *Hydnangium*, *Podohydnangium* and *Laccaria* 613
Phosphatase activity of four ectomycorrhizal fungi found in a Sitka spruce–Japanese larch plantation in Ireland 725
Pseudomonas fluorescens in association with fruit bodies of the edible ectomycorrhizal mushroom *Cantharellus cibarius* 1148

Ectomycorrhizas
Ectomycorrhizal seedling response to selected components of landfill leachate 129
Basidiospore viability and germination in ectomycorrhizal and saprotrophic basidiomycetes 141
Improving the colonization capacity and effectiveness of ectomycorrhizal fungal cultures by association with a host plant and re-isolation 839
Efflux of phosphate from the ectomycorrhizal basidiomycete *Pisolithus tinctorius*: general characteristics and the influence of intracellular phosphorus concentration 1261
The influence of monovalent cations on efflux of phosphate from the ectomycorrhizal basidiomycete *Pisolithus tinctorius* 1267

Electron energy loss spectroscopy
Comparative study of elongated and globose Woronin bodies using electron energy loss spectroscopy (EELS) and imaging (ESI) 1499

Electron microscopy
Sporangium differentiation and zoospore fine-structure of the chytrid *Rhizophydium planktonicum*, a fungal parasite of *Asterionella formosa* 1059
Ultastructural studies of spore walls of *Acaulospora morrowiae* and *A. scrobiculata* 1183
Ultrastructure of the ascospore wall and appendages of *Remispora galerita* 1190
The structure of dry mycelia of the entomophthoralean fungi *Zoophthora radicans* and *Erynia neoaphidis* following different preparatory treatments 1315
An electron microscope study of conidiogenesis and wall formation of conidia of *Aspergillus niger* 1459

Electrophoresis
Calonectria scoparia and *Calonectria morganii* sp. nov., and variation among isolates of their *Cylindrocladium* anamorphs 701
Comparison of *Sphaeropsis sapinea* and *Sphaeropsis sapinea* f. sp. *cupressi* 1253

Elettaria cardamom
Mycobiota and toxigenic *Aspergillus flavus* isolates associated with developing cardamom and pepper 1403

Endogonales
Names and epithets in the Glomales and Endogonales 339

Endoperplexa
Exidiopsis species from Devon, including the new segregate genera *Ceratosebacina*, *Endoperplexa*, *Microsebacina*, and *Serendipita* 467

Endoperplexa dartmorica
Exidiopsis species from Devon, including the new segregate genera *Ceratosebacina*, *Endoperplexa*, *Microsebacina*, and *Serendipita* 467

Endoperplexa enodulosa
Exidiopsis species from Devon, including the new segregate genera *Ceratosebacina*, *Endoperplexa*, *Microsebacina*, and *Serendipita* 467

Endoperplexa septocystidiata
Exidiopsis species from Devon, including the new segregate genera *Ceratosebacina*, *Endoperplexa*, *Microsebacina*, and *Serendipita* 467

Endoperplexa subfarinacea
Exidiopsis species from Devon, including the new segregate genera *Ceratosebacina*, *Endoperplexa*, *Microsebacina*, and *Serendipita* 467

Endophytes
The internal mycobiota of *Juncus* spp.: microscopic and cultural observations of infection patterns 367
Taxonomy of *Acremonium* endophytes of tall fescue (*Festuca arundinacea*) meadow fescue (*F. pratensis*) and perennial rye-grass (*Lolium perenne*) 1083
Incompatibility of some grass-*Acremonium* endophyte associations 1237
Endophytes from herbaceous plants and shrubs: effectiveness of surface sterilization methods 1447

Endophytic fungi
Endophytic fungi of *Eucalyptus globulus*: a preliminary study 679

Entomogenous fungi
Beauveria vermiconia is an entomopathogenic fungus 336
The structure of dry mycelia of the entomophthoralean fungi *Zoophthora radicans* and *Erynia neoaphidis* following different preparatory treatments 1315

Enzyme regulation
Cellulolytic enzymes of the obligately biotrophic rust fungus *Uromyces viciae-fabae* are regulated differentiation-specifically 77
Effect of starch on the induction of β-glucosidase in *Trichoderma reesei* 318

Epicoccum nigrum
Degradation of flavipin by *Monilinia laxa* 634

Equisetum
Vesicular-arbuscular mycorrhizas of *Equisetum* species in Norway and the U.S.A.: occurrence and mycotrophy 656

Ergosterol
An evaluation of the efficiencies of several ergosterol extraction techniques 1476

Erynia neoaphidis
The structure of dry mycelia of the entomophthoralean fungi *Zoophthora radicans* and *Erynia neoaphidis* following different preparatory treatments 1315

Escherichia coli
Expression of the *E. coli* B-glucuronidase gene in the light leaf spot pathogen *Pyrenopeziza brassicae* and its use as a reporter gene to study developmental interactions in fungi 575

Estuarine fungi
Effect of varying sea water salinity on growth kinetics of *Phytophthora polymorphica* 1135

Eucalyptus
Mycosphaerella parkii and *Phyllosticta eucalyptorum*, two new species from *Eucalyptus* leaves in Brazil 582

Eucalyptus
Quantitative estimation of surface carbohydrates of ectomycorrhizal fungi in pure culture and during *Eucalyptus* root infection 603

Eucalyptus globosus
Endophytic fungi of *Eucalyptus globulus*: a preliminary study 679
Improving the colonization capacity and effectiveness of ectomycorrhizal fungal cultures by association with a host plant and re-isolation 839

Eugenia dysenterica
Phloeosporella kitajimae sp. nov. associated with leaf spots and blight of *Eugenia dysenterica* in central Brazil 610

Euphoriomyces liodivorus
New British Laboulbeniales 1045

Eutypa bathurstensis
Eutypa bathurstensis sp. nov. from intertidal *Avicennia* 861

Exidiopsis
Exidiopsis species from Devon, including the new segregate genera *Ceratosebacina*, *Endoperplexa*, *Microsebacina*, and *Serendipita* 467

Exserohilum curvisporum
Exserohilum curvisporum sp. nov., a new hyphomycete from Iraq 1486

Extracellular polysaccharides
Approaches to the classification of the *Mortierella isabellina* group: antigenic extracellular polysaccharides 690

Extracellular proteins
Effect of antimicrotubular drugs on the secretion process of extracellular proteins in *Aspergillus nidulans* 961
Fagus sylvatica
The physiology of ascospore eclosion in *Hypoxylon fragiforme*: mechanisms in the early recognition and establishment of an endophytic symbiosis 157
Festuca arundinacea
Taxonomy of *Acremonium* endophytes of tall fescue (*Festuca arundinacea*) meadow fescue (*F. pratensis*) and perennial rye-grass (*Lolium perenne*) 1083
Incompatibility of some grass-*Acremonium* endophyte associations 1237
Festuca pratensis
Taxonomy of *Acremonium* endophytes of tall fescue (*Festuca arundinacea*) meadow fescue (*F. pratensis*) and perennial rye-grass (*Lolium perenne*) 1083
Flavipin
Degradation of flavipin by *Monilinia laxa* 634
Fluorescence microscopy
Observation of nematophagous fungi in natural soils by fluorescence microscopy and their correlation with isolation 1005
5-Fluoroindole
Transformation of the homobasidiomycete *Coprinus bilanatus* to 5-fluoroindole resistance using a mutant trp3 gene from *Coprinus cinereus* 1281
Fluorophenylalanine
The inheritance of resistance to metalaxyl and to fluorophenylalanine in *Phytophthora sojae* 865
Folsomia candida
Growth of the collembolan *Folsomia candida* on cultures of the mycoparasite *Coniothyrium minitans* and sclerotia of *Sclerotinia sclerotiorum* 1277
Fractal geometry
Characterization of the spatial aspects of foraging mycelial cord systems using fractal geometry 762
Fungicide resistance
Isolation, characterization and genetic analysis of laboratory mutants of *Botryotinia fuckeliana* resistant to the phenylpyrrole fungicide CGA 173506 620
Degradation of flavipin by *Monilinia laxa* 634
The inheritance of resistance to metalaxyl and to fluorophenylalanine in *Phytophthora sojae* 865
Nuclear DNA content, allozyme phenotypes and metalaxyl sensitivity of *Phytophthora infestans* from Japan 945
Transformation of the homobasidiomycete *Coprinus bilanatus* to 5-fluoroindole resistance using a mutant trp3 gene from *Coprinus cinereus* 1281
Fusarium
A comparison of two methods for isolating *Fusarium* spp. from pasture herbage 91
Fungal colonization of glyphosate-treated seedlings using a new root plating technique 299
Mycogeography of *Fusarium*: survey of *Fusarium* species associated with forest and woodland communities in north Queensland, Australia 1015
Toxigenicity of *Fusarium* species and subspecies in section Gibbosum from different regions of Australia 1441
Fusarium avenaceum
An improved estimation of the incidence of *Microdochium nivale* in winter wheat stems in England and Wales, during 1992, by use of benomyl agar 1172
Fusarium culmorum
Protoplast formation and DNA-mediated transformation of *Fusarium culmorum* to hygromycin B resistance 313
An improved estimation of the incidence of *Microdochium nivale* in winter wheat stems in England and Wales, during 1992, by use of benomyl agar 1172
Fusarium graminearum
An improved estimation of the incidence of *Microdochium nivale* in winter wheat stems in England and Wales, during 1992, by use of benomyl agar 1172
Fusarium moniliforme
A rapid molecular technique to distinguish *Fusarium* species 345
Cloning and characterization of a gene encoding the endopolygalacturonase of *Fusarium moniliforme* 497
Mycobiota and toxigenic *Aspergillus flavus* isolates associated with developing cardamom and pepper 1403
Fusarium napiforme
A rapid molecular technique to distinguish *Fusarium* species 345
Fusarium nivale
An improved estimation of the incidence of *Microdochium nivale* in winter wheat stems in England and Wales, during 1992, by use of benomyl agar 1172
Fusarium nygamai
A rapid molecular technique to distinguish *Fusarium* species 345
Fusarium oxysporum
Pectin degrading enzymes secreted by six isolates of *Fusarium oxysporum* 461
Fusarium poae
Effects of water activity and temperature on the growth of fungi interacting on barley grain 1393
Fusarium solani
Mycobiota and toxigenic *Aspergillus flavus* isolates associated with developing cardamom and pepper 1403
Gasteromycetes
Observations on the marine gasteromycete *Nia vibrissa* 1
Nia epidermoidea, a new marine gasteromycete 68
Genetic control
Genetic control of somatic incompatibility in the root-rotting basidiomycete *Heterobasidion annosum* 1229
Genetic transformation
Genetic transformation of the phytopathogenic fungus *Pyrenophora graminea* 1143
Genetics
Cloning and characterization of a gene encoding the endopolygalacturonase of *Fusarium moniliforme* 497
Fruiting genes of *Schizophyllum commune* are transcriptionally regulated 538
Expression of the *E. coli* β-glucuronidase gene in the light leaf spot pathogen *Pyrenopeziza brassicae* and its use as a reporter gene to study developmental interactions in fungi 575
Isolation, characterization and genetic analysis of laboratory mutants of *Botryotinia fuckeliana* resistant to the phenylpyrrole fungicide CGA 173506 620
Genetic variation and segregation of DNA polymorphisms in *Botrytis cinerea* 1193
Transformation of the homobasidiomycete *Coprinus bilanatus* to 5-fluoroindole resistance using a mutant trp3 gene from *Coprinus cinereus* 1281
Gentiana sino-ornata
Phoma gentianae-sino-ornatae sp. nov. from *Gentiana sino-ornata* with root rot 1299
Germination
VA mycorrhizal spores from three species of *Acaulospora*: germination, longevity and hyphal growth 785
Appressorium formation by *Hemileia vastatrix* 951
Gigaspora margarita
Amplification of genomic DNA of arbuscular-mycorrhizal (AM) fungi by PCR using short arbitrary primers 1351
Gliocladiopsis tenuis
A re-evaluation of *Cylindrocladiella*, and a comparison with morphologically allied genera 433
Gloeostereum incarnatum
A redescription of *Gloeostereum incarnatum* 1213
Glomales
Names and epithets in the Glomales and Endogonales 339
Ultrastructural studies of spore walls of *Acaulospora morrowiae* and *A. scrobiculata* 1183
Glomerella septospora
A new ascomycete, *Glomerella septospora* sp. nov. and its coelomycete anamorph, *Colletotrichum taiwanense* sp. nov. from Taiwan 1523
Glomus mosseae
Time-course of appressorium formation on host plants by arbuscular mycorrhizal fungi 1140
Glomus versiforme
Amplification of genomic DNA of arbuscular-mycorrhizal (AM) fungi by PCR using short arbitrary primers 1351
Glucosidase
Effect of starch on the induction of β-glucosidase in *Trichoderma reesei* 318
Glucuronidase
Expression of the *E. coli* β-glucuronidase gene in the light leaf spot pathogen *Pyrenopeziza brassicae* and its use as a reporter gene to study developmental interactions in fungi 575

Glutaminyl-4-hydroxybenzene
Occurrence of agaritine and γ-glutaminyl-4-hydroxybenzene (GHB) in the fructifying mycelium of *Agaricus bisporus* 529
Glycogen
Endogenous glycogen is not a trigger for fruiting in *Pleurotus sajor-caju* 363
Glycogen metabolism
Glycogen metabolism in relation to fruit body maturation in *Coprinus cinereus* 283
Glyphosate
Fungal colonization of glyphosate-treated seedlings using a new root plating technique 299
Pathogenicity and DNA restriction fragment length polymorphisms of isolates of *Pythium* spp. from glyphosate-treated seedlings 307
Gravitropism
Distribution of mechanical stress is not involved in regulating stipe gravitropism in *Coprinus cinereus* 1001
Antagonists and inhibitors of calcium accumulation do not impair gravity perception though they adversely affect the gravitropic responses of *Coprinus cinereus* stipes 1113
Growth
Growth kinetics of the thermophilic fungus *Thermomyces lanuginosus* 665
Growth and formation of true conidia by *Metarhizium flavoviride* in a simple liquid medium 1489
Growth kinetics
Growth kinetics of mycelial colonies and aggregates of ascomycetes 513
Guignardia bidwellii
The ontogeny of pycnidia of *Guignardia bidwellii* in culture 1333
Gymnosporangium clavariiforme
Vascular infection by *Puccinia menthae* and other rust fungi 409
Gymnosporangium clavipes
Cryofixation and freeze substitution of teliospores of *Gymnosporangium clavipes*: an ultrastructural investigation 195
Halosarceia halocnemoides
Cryptovalsa halosarceicola sp. nov. an intertidal saprotroph of *Halosarceia halocnemoides* 799
Halosphaeriales
Ultrastructure of the ascospore wall and appendages of *Remispora galerita* 1190
Hansenula polymorpha
The expression and performance of cloned genes in yeasts 897
Haploid life-cycle
Evidence for a haploid life-cycle in *Volvariella volvacea* from micro-spectrophotometric measurements and observations of nuclear behaviour 1481
Harknessia hawaiiensis
Endophytic fungi of *Eucalyptus globulus*: a preliminary study 679
Hebeloma crustuliniforme
Ectomycorrhizal seedling response to selected components of landfill leachate 129
Phosphate influx into ectomycorrhizal and saprotrophic fungal hyphae in relation to phosphate supply; a potential method for selection of efficient mycorrhizal species 355
Hebeloma westraliense
Improving the colonization capacity and effectiveness of ectomycorrhizal fungal cultures by association with a host plant and re-isolation 839
Helianthus annuus
Time-course of appressorium formation on host plants by arbuscular mycorrhizal fungi 1140
Helminthosporin
Anthraquinones from some *Drechslera* species and *Bipolaris sorokiniana* 381
Hemileia vastatrix
Appressorium formation by *Hemileia vastatrix* 951
Heterobasidion annosum
Somatic incompatibility and nuclear reassortment in *Heterobasidion annosum* 1223
Genetic control of somatic incompatibility in the root-rotting basidiomycete *Heterobasidion annosum* 1229
Heterodera cajani
Development of *Catenaria anguillulae* in *Heterodera cajani* 957
Hetrokaryons
The use of protoplasts for the preparation of homokaryons from heterokaryotic isolates of *Rhizoctonia solani* 456
Histology
In planta histochemical staining of fungal alkaline phosphatase activity for analysis of efficient arbuscular mycorrhizal infections 245
Gastrointestinal candidiasis: histopathology of *Candida*-host interactions in a murine model 385
Homokaryons
The use of protoplasts for the preparation of homokaryons from heterokaryotic isolates of *Rhizoctonia solani* 456
Hordeum
Isozyme variation within and among populations of *Rhynchosporium secalis* in Europe, Australia and the United States 49
Hordeum vulgare
Genetic transformation of the phytopathogenic fungus *Pyrenophora graminea* 1143
Hormonema
Responses of phyllosphere microfungi to simulated sulphuric and nitric acid deposition 533
Humicola grisea var thermoidea
Taxonomy of *Scytalidium thermophilum*, an important thermophilic fungus in mushroom compost 321
Humicola insolens
Taxonomy of *Scytalidium thermophilum*, an important thermophilic fungus in mushroom compost 321
Hybridization
Evidence for absence of hybridization in crosses between *Phytophthora infestans* and *Phytophthora parasitica* 675
Hydnangium
Broad variation in developmental and mature basidiome morphology of the ectomycorrhizal fungus *Hydnangium sublamellatum* sp. nov. bridges morphologically-based generic concepts of *Hydnangium*, *Podohydnangium* and *Laccaria* 613
Hydnangium sublamellatum
Broad variation in developmental and mature basidiome morphology of the ectomycorrhizal fungus *Hydnangium sublamellatum* sp. nov. bridges morphologically-based generic concepts of *Hydnangium*, *Podohydnangium* and *Laccaria* 613
Hydnobollites baodingensis
A new species of Tuberales from China 1021
Hydnum rufescens
Pseudomonas fluorescens in association with fruit bodies of the edible ectomycorrhizal mushroom *Cantharellus cibarius* 1148
Hydronectria kriegeriana
Observations on *Hydronectria* and *Kallichroma* gen. nov. 753
Hydrophilomyces hamatus
New British Laboulbeniales 1045
Hygromycin B
Protoplast formation and DNA-mediated transformation of *Fusarium culmorum* to hygromycin B resistance 313
Hymenium
Cell form, function and lineage in the hymenia of *Coprinus cinereus* and *Volvariella bombycina* 221
Hyperparasites
Mycovellosiella raveneliae, a hyperparasite of *Ravenelia clemensiae* from India 1020
Hyphal differentiation
On the origin of specialised trama types in the Agaricales 257
Hyphal structure
Confocal microscopy of living fungal hyphae microinjected with Ca^{2+}-sensitive fluorescent dyes 1505
Hypholoma fasciculare
Characterization of the spatial aspects of foraging mycelial cord systems using fractal geometry 762
Hyphopichia burtonii
Effects of water activity and temperature on the growth of fungi interacting on barley grain 1393
Hyphozyma lignicola
Hyphozyma lignicola sp. nov., a yeast-like hyphomycete from black galls and cankers of trembling aspen (*Populus tremuloides*) 1409
Hypocrella discoidea
Taxonomy and ecology of *Hypocrella discoidea* and its anamorph, *Ascheronia samoensis* 871
Hypoxylon fragiforme
The physiology of ascospore eclosion in *Hypoxylon fragiforme*: mechanisms in the early recognition and establishment of an endophytic symbiosis 157
Identification
Temperature-growth responses distinguish the OPC and OPH sibling species within '*Ophiostoma piceae*' 1416
Indole derivatives
Indole derivatives in certain *Pinaceae* species from East Europe and Siberia 251

Infection
The infection of white clover (*Trifolium repens*) by conidia of *Cymadothea trifolii* 227
Vascular infection by *Puccinia menthae* and other rust fungi 409
Strategies of pathogenicity in monokaryotic and dikaryotic phases of rust fungi, with special reference to vascular infection 415
Infection studies of *Stemphylium vesicarium* on onion leaves 984
Infection of grape flowers and berries by *Botrytis cinerea* as a function of time and temperature 1012
Initial infection processes by *Colletotrichum gloeosporioides* on avocardo fruit 1363
Insect pathogens
Torrubiella luteorostrata: a pathogen of scale insects and its association with *Paecilomyces cinnamomeus* with a note on *Torrubiella tenuis* 1126
Interaction
Interaction between *Ascochyta fabae* and *Botrytis fabae* 1217
Interactions
Somatic incompatibility and nuclear reassortment in *Heterobasidion annosum* 1223
Incompatibility of some grass-*Acremonium* endophyte associations 1237
Effects of water activity and temperature on the growth of fungi interacting on barley grain 1393
Isoenzyme analysis
Spatial distribution among mycelial individuals of *Lycoperdon pyriforme* occurring on decaying logs 1119
Mating type, nuclear DNA content and isozyme genotypes of Irish isolates of *Phytophthora infestans* 1131
Isoenzymes
Isozyme variation within and among populations of *Rhynchosporium secalis* in Europe, Australia and the United States 49
Pectin degrading enzymes secreted by six isolates of *Fusarium oxysporum* 461
Isolation
A comparison of two methods for isolating *Fusarium* spp. from pasture herbage 91
Endophytes from herbaceous plants and shrubs: effectiveness of surface sterilization methods 1447
Juncus
The internal mycobiota of *Juncus* spp.: microscopic and cultural observations of infection patterns 367
Kabatina abietus
Kabatina abietis sp. nov., associated with browning of fir needles 1340
Kallichroma
Observations on *Hydronectria* and *Kallichroma* gen. nov. 753
Kallichroma glabrum
Observations on *Hydronectria* and *Kallichroma* gen. nov. 753
Kallichroma tethys
Observations on *Hydronectria* and *Kallichroma* gen. nov. 753
Karstenula rhodostoma
Teleomorph-anamorph connections in ascomycetes: *Microdiplodia* anamorph of *Karstenula rhodostoma* 377
Keys
Allantoid-spored *Tulasnella* species from Devon 213
Megacapitula villosa gen. et sp. nov. from Taiwan 347
New species of *Massariothea* 429
A re-evaluation of *Cylindrocladiella*, and a comparison with morphologically allied genera 433
Production of dendritic crystals in pure cultures of *Phoma* and *Ascochyta* and its value as a taxonomic character relative to morphology, pathology, and cultural characteristics 1343
Hyphozyma lignicola sp. nov., a yeast-like hyphomycete from black galls and cankers of trembling aspen (*Populus tremuloides*) 1409
Kluyveromyces lactis
The expression and performance of cloned genes in yeasts 897
Knoxdaviesia capensis
A new species of *Ophiostoma* from *Protea* infructescences in South Africa 709
Kodonospora
Kodonospora, a new staurosporous hyphomycete genus from Japan 506
Kodonospora tetracolumnaris
Kodonospora, a new staurosporous hyphomycete genus from Japan 506
Laboulbenia argutoris
New British Laboulbeniales 1045
Laboulbenia dineutis
Rare and interesting Laboulbeniales on Sudanese Coleoptera 509
Laboulbenia marina
New British Laboulbeniales 1045
Laboulbenia polyphaga
New British Laboulbeniales 1045
Laboulbeniales
Rare and interesting Laboulbeniales on Sudanese Coleoptera 509
A new species of *Diphymyces* from Spain 791
New British Laboulbeniales 1045
Laccaria
Broad variation in developmental and mature basidiome morphology of the ectomycorrhizal fungus *Hydnangium sublamellatum* sp. nov. bridges morphologically-based generic concepts of *Hydnangium*, *Podohydnangium* and *Laccaria* 613
Laccaria proxima
Ectomycorrhizal seedling response to selected components of landfill leachate 129
Larix
Identity and host alternation of some willow rusts (*Melampsora* spp.) in England 845
Lasiodiplodia theobromae
Comparison of *Sphaeropsis sapinea* and *Sphaeropsis sapinea* f. sp. *cupressi* 1253
Leaching
Ectomycorrhizal seedling response to selected components of landfill leachate 129
Leaf fungi
The internal mycobiota of *Juncus* spp.: microscopic and cultural observations of infection patterns 367
Mycosphaerella parkii and *Phyllosticta eucalyptorum*, two new species from *Eucalyptus* leaves in Brazil 582
Coniella costae sp. nov. on leaves of *Myrcia tomentosa* from Brazilian cerrado 1234
The genus *Ophiodothella* from Australia 1272
Phyllachora barringtoniicola nom. nov. and *Phyllachora nuqsii* sp. nov. causing leaf spots on *Barringtonia* spp. 1324
The genus *Phyllachora* from Australia: *P. queenslandica* and notes on *P. apiculata* from *Neolitsea* 1328
Kabatina abietis sp. nov., associated with browning of fir needles 1340
Pseudocercospora rhynchosiae-suaveolentis sp. nov. from India 1407
New species of *Cercospora*, *Cercosporidium* and *Pseudocercospora* from India 1430
The genus *Phyllachora* from Australia. Observations on *P. bella* from *Syzygium paniculatum* and *P. melaspilea* from *Scolopia braunii* 1437
Endophytes from herbaceous plants and shrubs: effectiveness of surface sterilization methods 1447
Leaf litter
Stable successional patterns of aquatic hyphomycetes on leaves decaying in a summer cool stream 163
Aquatic hyphomycetes on leaf litter in and near a stream in Nova Scotia, Canada 1530
Leaf spot diseases
Use of PCR for detection of *Mycosphaerella fijiensis* and *M. musicola*, the causal agents of Sigatoka leaf spots in banana and plantain 670
Lecophagus
Fungal predators of rotifers – a comparative study of *Zoophagus*, *Lecophagus* and *Cephaliophora* 421
Lichens
Polyol patterns in eleven species of aposymbiotically cultured lichen mycobionts 35
Light
Zoospore production in *Pythium spinosum* 1495
Lipids
Evidence for the involvement of linoleic acid and other endogenous lipid factors in perithecial development of *Nectria haematococca* mating population VI 485
Lolium perenne
The role of the external mycelium of arbuscular mycorrhizal fungi in the carbon transfer process between plants 807
Taxonomy of *Acremonium* endophytes of tall fescue (*Festuca arundinacea*) meadow fescue (*F. pratensis*) and perennial rye-grass (*Lolium perenne*) 1083
Incompatibility of some grass-*Acremonium* endophyte associations 1237
Lycoperdon pyriforme
Spatial distribution among mycelial individuals of *Lycoperdon pyriforme* occurring on decaying logs 1119
Lysis
The lytic enzymatic complex of *Penicillium purpurogenum* and its effects on *Monilinia laxa* 105

mangrove fungi
Cryptovalsa halosarcicola sp. nov. an intertidal saprotroph of *Halosarcia halocnemoides* 799
Mangrove fungi
Eutypa bathurstensis sp. nov. from intertidal *Avicennia* 861
Marasmiellus candidus* var. *setulosus
Observations on two rhizomorph-forming species of *Marasmiellus* 111
Marasmiellus flaccidus
Observations on two rhizomorph-forming species of *Marasmiellus* 111
Marasmiellus tenerrimus* var. *setulosus
Observations on two rhizomorph-forming species of *Marasmiellus* 111
Marasmius oreades
Basidiospore viability and germination in ectomycorrhizal and saprotrophic basidiomycetes 141
Marine fungi
Observations on the marine gasteromycete *Nia vibrissa* 1
Spore attachment in marine fungi 7
Nia epidermoidea, a new marine gasteromycete 68
An evaluation of the efficiencies of several ergosterol extraction techniques 1476
Massariothea similis
New species of *Massariothea* 429
Massariothea trisepta
New species of *Massariothea* 429
Mating reactions
Sibling species within *Ophiostoma piceae* 811
Cultural characters, protein patterns and unusual mating behaviour of *Phytophthora gonapodyides* isolates from Britain and North America 1287
Pairing tests to determine mating compatibility in *Phellinus weirii* 1469
Megacapitula
Megacapitula villosa gen. et sp. nov. from Taiwan 347
Megacapitula villosa
Megacapitula villosa gen. et sp. nov. from Taiwan 347
Melampsora
Identity and host alternation of some willow rusts (*Melampsora* spp.) in England 845
Metalaxyl
The inheritance of resistance to metalaxyl and to fluorophenylalanine in *Phytophthora sojae* 865
Nuclear DNA content, allozyme phenotypes and metalaxyl sensitivity of *Phytophthora infestans* from Japan 945
Metarhizium flavoviride
Growth and formation of true conidia by *Metarhizium flavoviride* in a simple liquid medium 1489
Microdiplodia frangulae
Teleomorph-anamorph connections in ascomycetes: *Microdiplodia* anamorph of *Karstenula rhodostoma* 377
Microdochium nivale
An improved estimation of the incidence of *Microdochium nivale* in winter wheat stems in England and Wales, during 1992, by use of benomyl agar 1172
Microsebacina fugacissima
Exidiopsis species from Devon, including the new segregate genera *Ceratosebacina*, *Endoperplexa*, *Microsebacina*, and *Serendipita* 467
Microsebacina microbasidia
Exidiopsis species from Devon, including the new segregate genera *Ceratosebacina*, *Endoperplexa*, *Microsebacina*, and *Serendipita* 467
Microsphaeropsis
Endophytic fungi of *Eucalyptus globulus*: a preliminary study 679
Microtubules
Effect of the microtubule inhibitor benomyl on protein secretion in *Aspergillus nidulans* 23
Effect of antimicrotubular drugs on the secretion process of extracellular proteins in *Aspergillus nidulans* 961
Mimosa pigra
A new species of *Sphaerulina* and its *Phloeospora* anamorph, with potential for biological control of *Mimosa pigra* 59
Mitochondrial DNA
Analysis of RFLPs in nuclear and mitochondrial DNA and the taxonomy of *Phytopthora fragariae* 150
Ribosomal and mitochondrial DNA polymorphisms in *Colletotrichum gloeosporioides* isolated from tropical fruits 329
Coffee berry disease pathogen in Africa: genetic structure and relationship to the group species *Colletotrichum gloeosporioides* 995
Restriction fragment length polymorphisms in the mitochondrial DNAs of the *Aspergillus niger* aggregate 1207
Monilinia laxa
The lytic enzymatic complex of *Penicillium purpurogenum* and its effects on *Monilinia laxa* 105
Degradation of flavipin by *Monilinia laxa* 634
Monoicomyces homalotae
New British Laboulbeniales 1045
Monoicomyces nigrescens
New British Laboulbeniales 1045
Morchella esculenta
Mycelial differentiation of *Morchella esculenta* in pure culture 136
Morphology and physiology of *Morchella esculenta* during sclerotial formation 683
Morphology
Growth kinetics of the thermophilic fungus *Thermomyces lanuginosus* 665
Morphology and physiology of *Morchella esculenta* during sclerotial formation 683
A redescription of *Gloeostereum incarnatum* 1213
Mortierella isabellina
Approaches to the classification of the *Mortierella isabellina* group: antigenic extracellular polysaccharides 690
Motility
Changes in motility of *Pythium* zoospores induced by calcium and calcium-modulating drugs 877
Mucor hiemalis
Resource capture by interacting fungal colonisers of straw 547
Mucor racemosus
Approaches to the classification of the *Mortierella isabellina* group: antigenic extracellular polysaccharides 690
Aflatoxin biodegradation: effects of temperature and microbes 1388
Mucoraceae
Approaches to the classification of the *Mortierella isabellina* group: antigenic extracellular polysaccharides 690
Mycelial development
Mycelial differentiation of *Morchella esculenta* in pure culture 136
Mycelium development
Growth kinetics of mycelial colonies and aggregates of ascomycetes 513
Characterization of the spatial aspects of foraging mycelial cord systems using fractal geometry 762
Mycobionts
Polyol patterns in eleven species of aposymbiotically cultured lichen mycobionts 35
Mycogeography
Mycogeography of *Fusarium*: survey of *Fusarium* species associated with forest and woodland communities in north Queensland, Australia 1015
Mycoparasites
Observations on sclerotial mycoparasites of *Sclerotinia sclerotiorum* 697
World distribution of the sclerotial mycoparasite *Coniothyrium minitans* 1175
Mycorrhizal fungi
Phosphate influx into ectomycorrhizal and saprotrophic fungal hyphae in relation to phosphate supply; a potential method for selection of efficient mycorrhizal species 355
Mycorrhizas
In vitro culture of *Tuber magnatum* mycelium isolated from mycorrhizas 40
In planta histochemical staining of fungal alkaline phosphatase activity for analysis of efficient arbuscular mycorrhizal infections 245
The role of the external mycelium of arbuscular mycorrhizal fungi in the carbon transfer process between plants 807
Mycosphaerella fijiensis
Use of PCR for detection of *Mycosphaerella fijiensis* and *M. musicola*, the causal agents of Sigatoka leaf spots in banana and plantain 670
Mycosphaerella musicola
Use of PCR for detection of *Mycosphaerella fijiensis* and *M. musicola*, the causal agents of Sigatoka leaf spots in banana and plantain 670
Mycosphaerella parkii
Mycosphaerella parkii and *Phyllosticta eucalyptorum*, two new species from *Eucalyptus* leaves in Brazil 582
Mycotoxins
Nephrotoxic fungi in foods from nephropathy households in Bulgaria 205
Fungal colonization and mycotoxin contamination of developing rice grain 795
Mycobiota and toxigenic *Aspergillus flavus* isolates associated with developing cardamom and pepper 1403
Toxigenicity of *Fusarium* species and subspecies in section Gibbosum from different regions of Australia 1441

Mycovellosiella pongamiae
Pseudocercospora pongamiae-pinnatae sp. nov. from India 127
Mycovellosiella raveneliae
Mycovellosiella raveneliae, a hyperparasite of *Ravenelia clemensiae* from India 1020
Myrcia tomentosa
Coniella costae sp. nov. on leaves of *Myrcia tomentosa* from Brazilian cerrado 1234
Nectria haematococca
Evidence for the involvement of linoleic acid and other endogenous lipid factors in perithecial development of *Nectria haematococca* mating population VI 485
Nematode fungi
An electron microscopical study of the infection of the nematode *Panagrellus redivivus* by the endoparasitic fungus *Verticillium balanoides* 479
Development of *Catenaria anguillulae* in *Heterodera cajani* 957
Observation of nematophagous fungi in natural soils by fluorescence microscopy and their correlation with isolation 1005
Nematophagous fungi
A new species of *Dactylella* from China 359
Neocallimastix hurleyensis
Comparison of anaerobic fungi in faeces and rumen digesta of newly-born and adult ruminants 1245
Neolitsia dealbata
The genus *Phyllachora* from Australia: *P. queenslandica* and notes on *P. apiculata* from *Neolitsea* 1328
Neurospora crassa
Confocal microscopy of living fungal hyphae microinjected with Ca^{2+}-sensitive fluorescent dyes 1505
Neurospora intermedia
Senescence in natural populations of *Neurospora intermedia* 1379
New combinations
Observations on two rhizomorph-forming species of *Marasmiellus* 111
Two deuteromycetes, *Phloesporella flavio-moralis* sp. nov. and *Pseudocercospora punctata* comb. nov. causing leaf lesions on *Eugenia* spp. 123
A re-evaluation of *Cylindrocladiella*, and a comparison with morphologically allied genera 433
Exidiopsis species from Devon, including the new segregate genera *Ceratosebacina*, *Endoperplexa*, *Microsebacina*, and *Serendipita* 467
Observations on *Hydronectria* and *Kallichroma* gen. nov. 753
Production of dendritic crystals in pure cultures of *Phoma* and *Ascochyta* and its value as a taxonomic character relative to morphology, pathology, and cultural characteristics 1343
New genera
Cryptoniesslia setulosa gen. et sp. nov. 543
Exidiopsis species from Devon, including the new segregate genera *Ceratosebacina*, *Endoperplexa*, *Microsebacina*, and *Serendipita* 467
Kodonospora, a new staurosporous hyphomycete genus from Japan 506
Megacapitula villosa gen. et sp. nov. from Taiwan 347
Observations on *Hydronectria* and *Kallichroma* gen. nov. 753
Prostratus, a new diaporthaceous ascomycete genus on *Cyclobalanopsis* from Taiwan 1179
New names
Phyllachora barringtoniicola nom. nov. and *Phyllachora naqsii* sp. nov. causing leaf spots on *Barringtonia* spp. 1324
New records
Allantoid-spored *Tulasnella* species from Devon 213
New British Laboulbeniales 1045
New species
Five new species of *Pseudocercosporella* from India 28
A new species of *Sphaerulina* and its *Phloeospora* anamorph, with potential for biological control of *Mimosa pigra* 59
Nia epidermoidea, a new marine gasteromycete 68
Two deuteromycetes, *Phloesporella flavio-moralis* sp. nov. and *Pseudocercospora punctata* comb. nov. causing leaf lesions on *Eugenia* spp. 123
Pseudocercospora pongamiae-pinnatae sp. nov. from India 127
Allantoid-spored *Tulasnella* species from Devon 213
Megacapitula villosa gen. et sp. nov. from Taiwan 347
A new species of *Dactylella* from China 359
New species of *Massariothea* 429
A re-evaluation of *Cylindrocladiella*, and a comparison with morphologically allied genera 433
Exidiopsis species from Devon, including the new segregate genera *Ceratosebacina*, *Endoperplexa*, *Microsebacina*, and *Serendipita* 467
Kodonospora, a new staurosporous hyphomycete genus from Japan 506
Cryptoniesslia setulosa gen. et sp. nov. 543
Mycosphaerella parkii and *Phyllosticta eucalyptorum*, two new species from *Eucalyptus* leaves in Brazil 582
Phloeosporella kitajimae sp. nov. associated with leaf spots and blight of *Eugenia dysenterica* in central Brazil 610
Broad variation in developmental and mature basidiome morphology of the ectomycorrhizal fungus *Hydnangium sublamellatum* sp. nov. bridges morphologically-based generic concepts of *Hydnangium*, *Podohydnangium* and *Laccaria* 613
Podosporium elongatum, a new synnematous hyphomycete from Taiwan 637
Stagonospora pteridiicola sp. nov., a new endophytic coelomycete in *Pteridium aquilinum* 661
Calonectria scoparia and *Calonectria morganii* sp. nov., and variation among isolates of their *Cylindrocladium* anamorphs 701
A new species of *Ophiostoma* from *Protea* infructescences in South Africa 709
A new species of *Diphymyces* from Spain 791
Cryptovalsa halosarcicola sp. nov. an intertidal saprotroph of *Halosarcia halocnemoides* 799
Eutypa bathurstensis sp. nov. from intertidal *Avicennia* 861
Cylindrocladium parasiticum sp. nov., a new name for *C. crotalariae* 889
Characterization of the coffee berry disease pathogen, *Colletotrichum kahawae* sp. nov. 989
Mycovellosiella raveneliae, a hyperparasite of *Ravenelia clemensiae* from India 1020
A new species of Tuberales from China 1021
Prostratus, a new diaporthaceous ascomycete genus on *Cyclobalanopsis* from Taiwan 1179
Coniella costae sp. nov. on leaves of *Myrcia tomentosa* from Brazilian cerrado 1234
The genus *Ophiodothella* from Australia 1272
Phoma gentianae-sino-ornatae sp. nov. from *Gentiana sino-ornata* with root rot 1299
Three new and several interesting species of *Sporidesmiella* from submerged litter in Malaysia 1305
Phyllachora barringtoniicola nom. nov. and *Phyllachora naqsii* sp. nov. causing leaf spots on *Barringtonia* spp. 1324
Kabatina abietis sp. nov., associated with browning of fir needles 1340
Pseudocercospora ryhnchosiae-suaveolentis sp. nov. from India 1407
Hyphozyma lignicola sp. nov., a yeast-like hyphomycete from black galls and cankers of trembling aspen (*Populus tremuloides*) 1409
New species of *Cercospora*, *Cercosporidium* and *Pseudocercospora* from India 1430
Annellolacinia pandanicola sp. nov. with notes on *A. dimemasporioides* from pineapple 1433
Exserohilum curvisporum sp. nov., a new hyphomycete from Iraq 1486
A new ascomycete, *Glomerella septospora* sp. nov. and its coelomycete anamorph, *Colletotrichum taiwanense* sp. nov. from Taiwan 1523
Nia epidermoidea
Nia epidermoidea, a new marine gasteromycete 68
Nia vibrissa
Observations on the marine gasteromycete *Nia vibrissa* 1
Nuclear behaviour
Evidence for a haploid life-cycle in *Volvariella volvacea* from microspectrophotometric measurements and observations of nuclear behaviour 1481
Nuclear DNA
Measurement of nuclear DNA contents of Mexican isolates of *Phytophthora infestans* 857
Nuclear DNA content, allozyme phenotypes and metalaxyl sensitivity of *Phytophthora infestans* from Japan 945
Nuclear DNA content
Mating type, nuclear DNA content and isozyme genotypes of Irish isolates of *Phytophthora infestans* 1131
Numerical analysis
An integrated approach to the analysis of variation in *Phytophthora nicotianae* and a redescription of the species 559
Obituary
Obituary. R. W. Marsh, 1899–1992: an appreciation 254
Obituary C.G.C. Chesters: 9 March 1904–13 February 1993 1023
Ocimum basilicum
Time-course of appressorium formation on host plants by arbuscular mycorrhizal fungi 1140
Oospore germination
The effect of nutrients on germination of cold-treated oospores of *Phytophthora cactorum in vitro* 293

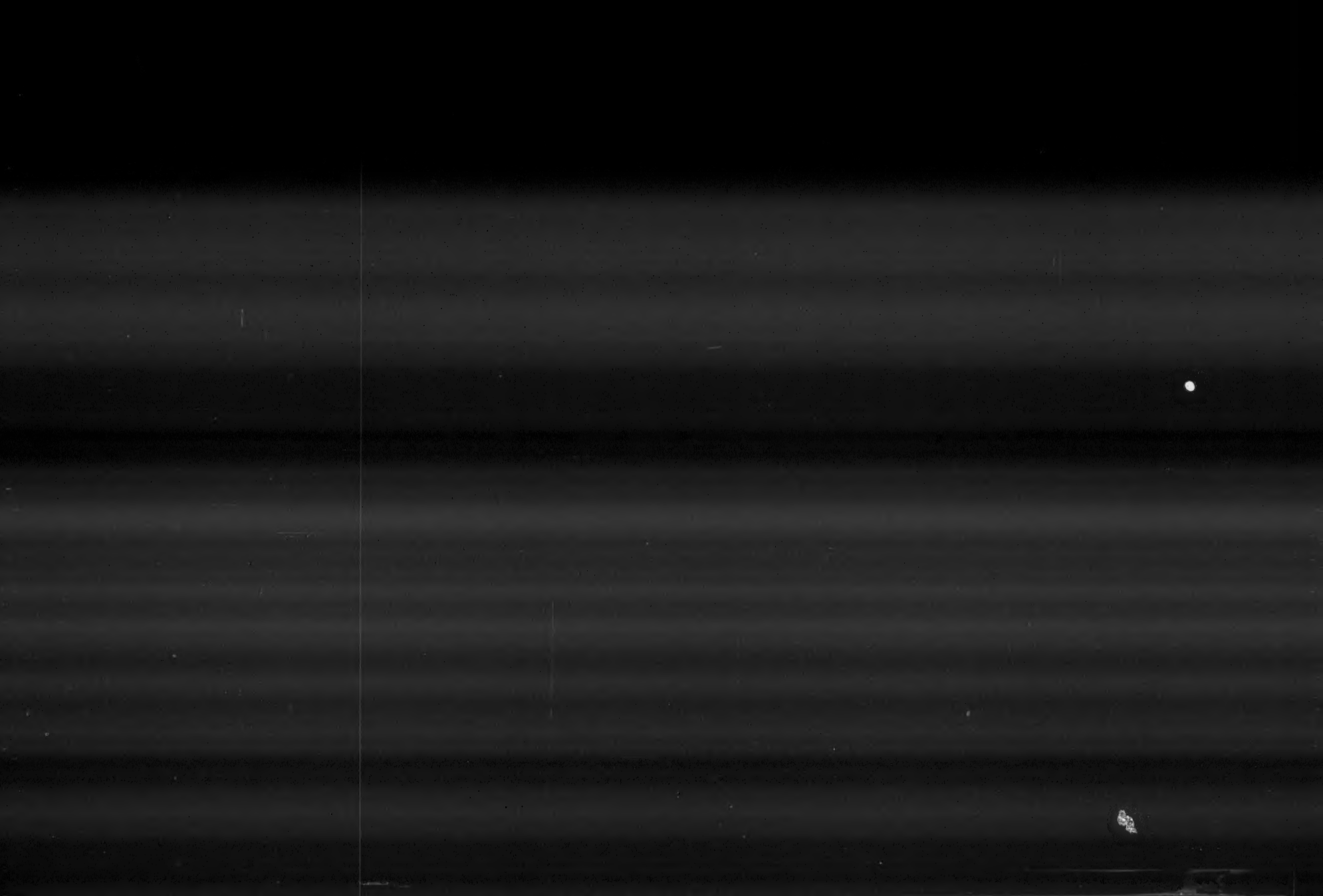
Ophiodothella longispora
The genus *Ophiodothella* from Australia 1272
Ophiodothella syzygii
The genus *Ophiodothella* from Australia 1272
Ophiostoma
Ceratocystiopsis: a reappraisal based on molecular criteria 625
Ophiostoma capense
A new species of *Ophiostoma* from *Protea* infructescences in South Africa 709
Ophiostoma kubanicum
Sibling species within *Ophiostoma piceae* 811
Ophiostoma novo-ulmae
Sibling species within *Ophiostoma piceae* 811
Ophiostoma novo-ulmi
Molecular relationships between *Ophiostoma ulmi* and the NAN and EAN races of *O. novo-ulmi* determined by restriction fragment length polymorphisms of nuclear DNA 449
Molecular relationships of the mitochondrial DNA of *Ophiostoma ulmi* and the NAN and EAN races of *O. novo-ulmi* determined by restriction fragment length polymorphisms 1093
Ophiostoma piceae
Sibling species within *Ophiostoma piceae* 811
Temperature-growth responses distinguish the OPC and OPH sibling species within '*Ophiostoma piceae*' 1416
Ophiostoma querci
Sibling species within *Ophiostoma piceae* 811
Temperature-growth responses distinguish the OPC and OPH sibling species within '*Ophiostoma piceae*' 1416
Ophiostoma ulmi
Molecular relationships between *Ophiostoma ulmi* and the NAN and EAN races of *O. novo-ulmi* determined by restriction fragment length polymorphisms of nuclear DNA 449
Molecular relationships of the mitochondrial DNA of *Ophiostoma ulmi* and the NAN and EAN races of *O. novo-ulmi* determined by restriction fragment length polymorphisms 1093
Ornithine decarboxylase
Inhibition of polyamine metabolism in *Phytophthora* species 1358
Oryza sativa
Fungal colonization and mycotoxin contamination of developing rice grain 795
Paecilomyces cinnamomeus
Torrubiella luteorostrata: a pathogen of scale insects and its association with *Paecilomyces cinnamomeus* with a note on *Torrubiella tenuis* 1126
Panaeolus
Indole derivatives in certain *Panaeolus* species from East Europe and Siberia 251
Panagrellus redivivus
An electron microscopical study of the infection of the nematode *Panagrellus redivivus* by the endoparasitic fungus *Verticillium balanoides* 479
Parasexual cycle
Characterisation of the parasexual cycle in the eyespot fungus, *Pseudocercosporella herpotrichoides* 967
Parasexual recombination between W and R pathotypes of *Pseudocercosporella herpotrichoides* through protoplast fusion 977
Pathogenesis
Saprotrophic ability of *Diaporthe phaseolorum* var. *caulivora* on host and non-host plant, and on abiotic substrates 782
Identity of a *Phytophthora* species attacking raspberry in Europe and North America 817
Pathogenicity
Pathogenicity and DNA restriction fragment length polymorphisms of isolates of *Pythium* spp. from glyphosate-treated seedlings 307
Strategies of pathogenicity in monokaryotic and dikaryotic phases of rust fungi, with special reference to vascular infection 415
Effect of substrate and plant maturity on the incidence of infection of potato roots by pathogenic and non-pathogenic fungi 733
Characterization of the coffee berry disease pathogen, *Colletotrichum kahawae* sp. nov. 989
Molecular relationships of the mitochondrial DNA of *Ophiostoma ulmi* and the NAN and EAN races of *O. novo-ulmi* determined by restriction fragment length polymorphisms 1093
Paxillus involutus
Ectomycorrhizal seedling response to selected components of landfill leachate 129
Phosphatase activity of four ectomycorrhizal fungi found in a Sitka spruce–Japanese larch plantation in Ireland 725
Pectic zymograms
Pectin degrading enzymes secreted by six isolates of *Fusarium oxysporum* 461
Evidence of stability of pectic zymogram groups within *Rhizoctonia solani* AG-8 1056
Pelleting
Aggregation of spores and biomass of *Phanerochaete chrysosporium* in liquid culture and the effect of anionic polymers on this process 801
Penicillium
Nephrotoxic fungi in foods from nephropathy households in Bulgaria 205
Penicillium chrysogenum
Effect of growth on taxonomically-useful ubiquinone/lipid profiles from *Penicillium* 173
Penicillium purpurogenum
The lytic enzymatic complex of *Penicillium purpurogenum* and its effects on *Monilinia laxa* 105
Penicillium solitum
Effect of growth on taxonomically-useful ubiquinone/lipid profiles from *Penicillium* 173
Penicillium verrucosum
Effects of water activity and temperature on the growth of fungi interacting on barley grain 1393
Penicillium viridicatum
Effect of growth on taxonomically-useful ubiquinone/lipid profiles from *Penicillium* 173
Perithecial development
Evidence for the involvement of linoleic acid and other endogenous lipid factors in perithecial development of *Nectria haematococca* mating population VI 485
Peronosclerospora sorghi
Preservation of air-dried downy mildew sporangia in liquid nitrogen without cryoprotectants or controlled freezing 240
Peronospora parasitica
Preservation of air-dried downy mildew sporangia in liquid nitrogen without cryoprotectants or controlled freezing 240
Peroxisomes
Assimilation of alkanes by yeasts: functions and biogenesis of peroxisomes 1025
Persea americana
Initial infection processes by *Colletotrichum gloeosporioides* on avocardo fruit 1363
Phanerochaete chrysosporium
Biodegradation of DDE (1,1-Dichloro-2,2-Bis (4-chlorophenyl) ethene) by *Phanerochaete chrysosporium* 95
Aggregation of spores and biomass of *Phanerochaete chrysosporium* in liquid culture and the effect of anionic polymers on this process 801
Phanerochaete velutina
Characterization of the spatial aspects of foraging mycelial cord systems using fractal geometry 762
Phellinus weirii
Pairing tests to determine mating compatibility in *Phellinus weirii* 1469
Phialides
Conidium development in *Phialocephala dimorphospora* and a new pattern of wall thickening 99
Phialocephala dimorphospora
Conidium development in *Phialocephala dimorphospora* and a new pattern of wall thickening 99
Phlebia cacao
On taxonomy of *Phlebia livida* 351
Phlebia livida
On taxonomy of *Phlebia livida* 351
Phloeospora mimosae-pigrae
A new species of *Sphaerulina* and its *Phloeospora* anamorph, with potential for biological control of *Mimosa pigra* 59
Phloeosporella flavio-moralis
Two deuteromycetes, *Phloesporella flavio-moralis* sp. nov. and *Pseudocercospora punctata* comb. nov. causing leaf lesions on *Eugenia* spp. 123
Phloeosporella kitajimae
Phloeosporella kitajimae sp. nov. associated with leaf spots and blight of *Eugenia dysenterica* in central Brazil 610
Phoma
Production of dendritic crystals in pure cultures of *Phoma* and *Ascochyta* and its value as a taxonomic character relative to morphology, pathology, and cultural characteristics 1343

Phoma andina
Production of dendritic crystals in pure cultures of *Phoma* and *Ascochyta* and its value as a taxonomic character relative to morphology, pathology, and cultural characteristics 1343
Phoma arachidicola
Production of dendritic crystals in pure cultures of *Phoma* and *Ascochyta* and its value as a taxonomic character relative to morphology, pathology, and cultural characteristics 1343
Phoma crystalliniformis
Production of dendritic crystals in pure cultures of *Phoma* and *Ascochyta* and its value as a taxonomic character relative to morphology, pathology, and cultural characteristics 1343
Phoma dorenboschii
Production of dendritic crystals in pure cultures of *Phoma* and *Ascochyta* and its value as a taxonomic character relative to morphology, pathology, and cultural characteristics 1343
Phoma gentianae-sino-ornatae
Phoma gentianae-sino-ornatae sp. nov. from *Gentiana sino-ornata* with root rot 1299
Phoma medicaginis
Production of dendritic crystals in pure cultures of *Phoma* and *Ascochyta* and its value as a taxonomic character relative to morphology, pathology, and cultural characteristics 1343
Phoma nebulosa
Observations on sclerotial mycoparasites of *Sclerotinia sclerotiorum* 697
Growth of the collembolan *Folsomia candida* on cultures of the mycoparasite *Coniothyrium minitans* and sclerotia of *Sclerotinia sclerotiorum* 1277
Phoma pinodella
Production of dendritic crystals in pure cultures of *Phoma* and *Ascochyta* and its value as a taxonomic character relative to morphology, pathology, and cultural characteristics 1343
Phosphatase
Phosphatase activity of four ectomycorrhizal fungi found in a Sitka spruce–Japanese larch plantation in Ireland 725
Phosphate
Phosphate influx into ectomycorrhizal and saprotrophic fungal hyphae in relation to phosphate supply; a potential method for selection of efficient mycorrhizal species 355
Efflux of phosphate from the ectomycorrhizal basidiomycete *Pisolithus tinctorius*: general characteristics and the influence of intracellular phosphorus concentration 1261
The influence of monovalent cations on efflux of phosphate from the ectomycorrhizal basidiomycete *Pisolithus tinctorius* 1267
Phyllachora
The genus *Phyllachora* from Australia: *P. queenslandica* and notes on *P. apiculata* from *Neolitsea* 1328
The genus *Phyllachora* from Australia. Observations on *P. bella* from *Syzygium paniculatum* and *P. melaspilea* from *Scolopia braunii* 1437
Phyllachora apiculata
The genus *Phyllachora* from Australia: *P. queenslandica* and notes on *P. apiculata* from *Neolitsea* 1328
Phyllachora barringtoniicola
Phyllachora barringtoniicola nom. nov. and *Phyllachora naqsii* sp. nov. causing leaf spots on *Barringtonia* spp. 1324
Phyllachora bella
The genus *Phyllachora* from Australia. Observations on *P. bella* from *Syzygium paniculatum* and *P. melaspilea* from *Scolopia braunii* 1437
Phyllachora melaspilea
The genus *Phyllachora* from Australia. Observations on *P. bella* from *Syzygium paniculatum* and *P. melaspilea* from *Scolopia braunii* 1437
Phyllachora naqsii
Phyllachora barringtoniicola nom. nov. and *Phyllachora naqsii* sp. nov. causing leaf spots on *Barringtonia* spp. 1324
Phyllachora queenslandica
The genus *Phyllachora* from Australia: *P. queenslandica* and notes on *P. apiculata* from *Neolitsea* 1328
Phyllosphere fungi
Responses of phyllosphere microfungi to simulated sulphuric and nitric acid deposition 533
Phyllosticta eucalyptorum
Mycosphaerella parkii and *Phyllosticta eucalyptorum*, two new species from *Eucalyptus* leaves in Brazil 582
Phylogeny
Molecular and morphological comparison of *Pythium arrhenomanes* and *P. graminicola* 1371
Physiology
Morphology and physiology of *Morchella esculenta* during sclerotial formation 683
Phytoalexins
Interaction between *Ascochyta fabae* and *Botrytis fabae* 1217
Phytophthora
Molecular recognition in the homing responses of zoosporic fungi, with special reference to *Pythium* and *Phytophthora* 1153
Phytophthora cactorum
The effect of nutrients on germination of cold-treated oospores of *Phytophthora cactorum in vitro* 293
Inhibition of polyamine metabolism in *Phytophthora* species 1358
Phytophthora cambivora
Cultural characters, protein patterns and unusual mating behaviour of *Phytophthora gonapodyides* isolates from Britain and North America 1287
Phytophthora cryptogea
Cultural characters, protein patterns and unusual mating behaviour of *Phytophthora gonapodyides* isolates from Britain and North America 1287
Phytophthora drechsleri
Cultural characters, protein patterns and unusual mating behaviour of *Phytophthora gonapodyides* isolates from Britain and North America 1287
Phytophthora erythroseptica
Identity of a *Phytophthora* species attacking raspberry in Europe and North America 817
Phytophthora fragariae
Analysis of RFLPs in nuclear and mitochondrial DNA and the taxonomy of *Phytopthora fragariae* 150
Identity of a *Phytophthora* species attacking raspberry in Europe and North America 817
Phytophthora gonapodyides
Cultural characters, protein patterns and unusual mating behaviour of *Phytophthora gonapodyides* isolates from Britain and North America 1287
Phytophthora infestans
Evidence for absence of hybridization in crosses between *Phytophthora infestans* and *Phytophthora parasitica* 675
Measurement of nuclear DNA contents of Mexican isolates of *Phytophthora infestans* 857
Nuclear DNA content, allozyme phenotypes and metalaxyl sensitivity of *Phytophthora infestans* from Japan 945
Mating type, nuclear DNA content and isozyme genotypes of Irish isolates of *Phytophthora infestans* 1131
Inhibition of polyamine metabolism in *Phytophthora* species 1358
Phytophthora meadii
Cultural characters, protein patterns and unusual mating behaviour of *Phytophthora gonapodyides* isolates from Britain and North America 1287
Phytophthora megakarya
Cultural characters, protein patterns and unusual mating behaviour of *Phytophthora gonapodyides* isolates from Britain and North America 1287
Phytophthora megasperma
Identity of a *Phytophthora* species attacking raspberry in Europe and North America 817
Molecular taxonomy of *Phytophthora megasperma* based on mitochondrial and nuclear DNA polymorphisms 1101
Phytophthora nicotianae
An integrated approach to the analysis of variation in *Phytophthora nicotianae* and a redescription of the species 559
Inhibition of polyamine metabolism in *Phytophthora* species 1358
Phytophthora parasitica
Evidence for absence of hybridization in crosses between *Phytophthora infestans* and *Phytophthora parasitica* 675
Phytophthora polymorphica
Effect of varying sea water salinity on growth kinetics of *Phytophthora polymorphica* 1135
Phytophthora sojae
The inheritance of resistance to metalaxyl and to fluorophenylalanine in *Phytophthora sojae* 865
Pichia guilliermondii
Evaluation of the potential of the yeast *Pichia guilliermondii* as a biocontrol agent against *Aspergillus flavus* and fungi of stored soya beans 1201
Pichia pastoris
The expression and performance of cloned genes in yeasts 897
Pinodellalide
Production of dendritic crystals in pure cultures of *Phoma* and *Ascochyta* and its value as a taxonomic character relative to morphology, pathology, and cultural characteristics 1343

Piper nigrum
Mycobiota and toxigenic *Aspergillus flavus* isolates associated with developing cardamom and pepper 1403
Pisolithus tinctorius
Improving the colonization capacity and effectiveness of ectomycorrhizal fungal cultures by association with a host plant and re-isolation 839
Efflux of phosphate from the ectomycorrhizal basidiomycete *Pisolithus tinctorius*: general characteristics and the influence of intracellular phosphorus concentration 1261
The influence of monovalent cations on efflux of phosphate from the ectomycorrhizal basidiomycete *Pisolithus tinctorius* 1267
Pisolithus tinctorus
Quantitative estimation of surface carbohydrates of ectomycorrhizal fungi in pure culture and during *Eucalyptus* root infection 603
Plasmopara halstedii
Preservation of air-dried downy mildew sporangia in liquid nitrogen without cryoprotectants or controlled freezing 240
Plectosphaera eucalypti
Endophytic fungi of *Eucalyptus globulus*: a preliminary study 679
Pleurotus ostreatus
Basidiospore viability and germination in ectomycorrhizal and saprotrophic basidiomycetes 141
Pleurotus sajor-caju
Endogenous glycogen is not a trigger for fruiting in *Pleurotus sajor-caju* 363
Ploidy
Measurement of nuclear DNA contents of Mexican isolates of *Phytophthora infestans* 857
Plutella xlostella
The structure of dry mycelia of the entomophthoralean fungi *Zoophthora radicans* and *Erynia neoaphidis* following different preparatory treatments 1315
Podohydnangium
Broad variation in developmental and mature basidiome morphology of the ectomycorrhizal fungus *Hydnangium sublamellatum* sp. nov. bridges morphologically-based generic concepts of *Hydnangium*, *Podohydnangium* and *Laccaria* 613
Podosporium elongatum
Podosporium elongatum, a new synnematous hyphomycete from Taiwan 637
Pollution
Interpretation of regional differences in the fungal biota as effects of atmospheric pollution 1451
Polyamine metabolism
Inhibition of polyamine metabolism in *Phytophthora* species 1358
Polyclonal antibodies
Immunological identification *in vitro* of the dry-rot fungus *Serpula lacrymans* 290
Polygalacturonase production
Cloning and characterization of a gene encoding the endopolygalacturonase of *Fusarium moniliforme* 497
Polymerase Chain Reaction
Use of PCR for detection of *Mycosphaerella fijiensis* and *M. musicola*, the causal agents of Sigatoka leaf spots in banana and plantain 670
The polymerase chain reaction and its application to filamentous fungi 769
Polyols
Polyol patterns in eleven species of aposymbiotically cultured lichen mycobionts 35
Populus tremuloides
Hyphozyma lignicola sp. nov., a yeast-like hyphomycete from black galls and cankers of trembling aspen (*Populus tremuloides*) 1409
Post-harvest spoilage
Studies on the effect of fruit-coating polymers and organic acids on growth of *Colletotrichum musae in vitro* and on post harvest control of anthracnose of bananas 1463
Potato
Effect of substrate and plant maturity on the incidence of infection of potato roots by pathogenic and non-pathogenic fungi 733
Powdery mildews
Effects of water on germination of powdery mildew conidia 71
Predation
Fungal predators of rotifers – a comparative study of *Zoophagus*, *Lecophagus* and *Cephaliophora* 421
Preservation
Studies on the effect of fruit-coating polymers and organic acids on growth of *Colletotrichum musae in vitro* and on post harvest control of anthracnose of bananas 1463
Prostratus
Prostratus, a new diaporthaceous ascomycete genus on *Cyclobalanopsis* from Taiwan 1179
Prostratus cyclobalanopsidis
Prostratus, a new diaporthaceous ascomycete genus on *Cyclobalanopsis* from Taiwan 1179
Protea
A new species of *Ophiostoma* from *Protea* infructescences in South Africa 709
Protein profiles
Cultural characters, protein patterns and unusual mating behaviour of *Phytophthora gonapodyides* isolates from Britain and North America 1287
Protoplasts
Effect of the microtubule inhibitor benomyl on protein secretion in *Aspergillus nidulans* 23
Protoplast formation and DNA-mediated transformation of *Fusarium culmorum* to hygromycin B resistance 313
The use of protoplasts for the preparation of homokaryons from heterokaryotic isolates of *Rhizoctonia solani* 456
Genetic transformation of the phytopathogenic fungus *Pyrenophora graminea* 1143
Transformation of the homobasidiomycete *Coprinus bilanatus* to 5-fluoroindole resistance using a mutant trp3 gene from *Coprinus cinereus* 1281
Pseudocercospora leucaenicola
New species of *Cercospora*, *Cercosporidium* and *Pseudocercospora* from India 1430
Pseudocercospora pongamiae-pinnatae
Pseudocercospora pongamiae-pinnatae sp. nov. from India 127
Pseudocercospora punctata
Two deuteromycetes, *Phloesporella flavio-moralis* sp. nov. and *Pseudocercospora punctata* comb. nov. causing leaf lesions on *Eugenia* spp. 123
Pseudocercospora ryhnchosiae-suaveolentis
Pseudocercospora ryhnchosiae-suaveolentis sp. nov. from India 1407
Pseudocercosporella herpotrichoides
Characterisation of the parasexual cycle in the eyespot fungus, *Pseudocercosporella herpotrichoides* 967
Parasexual recombination between W and R pathotypes of *Pseudocercosporella herpotrichoides* through protoplast fusion 977
Pseudocercosporella holarrhenae
Five new species of *Pseudocercosporella* from India 28
Pseudocercosporella indica
Five new species of *Pseudocercosporella* from India 28
Pseudocercosporella litseae
Five new species of *Pseudocercosporella* from India 28
Pseudocercosporella myrtacearum
Five new species of *Pseudocercosporella* from India 28
Pseudocercosporella shoreae
Five new species of *Pseudocercosporella* from India 28
Pseudomonas fluorescens
Pseudomonas fluorescens in association with fruit bodies of the edible ectomycorrhizal mushroom *Cantharellus cibarius* 1148
Pseudoperonospora cubensis
Preservation of air-dried downy mildew sporangia in liquid nitrogen without cryoprotectants or controlled freezing 240
Pteridium aquilinum
Stagonospora pteridiicola sp. nov., a new endophytic coelomycete in *Pteridium aquilinum* 661
Puccinia menthae
Vascular infection by *Puccinia menthae* and other rust fungi 409
Pulsed field electrophoresis
Mini-chromosomes of *Colletotrichum* spp. infecting several host species in various countries 852
Pycnidium development
The ontogeny of pycnidia of *Guignardia bidwellii* in culture 1333
Pyrenopeziza brassicae
Expression of the *E. coli* β-glucuronidase gene in the light leaf spot pathogen *Pyrenopeziza brassicae* and its use as a reporter gene to study developmental interactions in fungi 575
Pyrenophora graminea
Genetic transformation of the phytopathogenic fungus *Pyrenophora graminea* 1143
Pythium
Fungal colonization of glyphosate-treated seedlings using a new root plating technique 299

Pathogenicity and DNA restriction fragment length polymorphisms of isolates of *Pythium* spp. from glyphosate-treated seedlings 307
Molecular recognition in the homing responses of zoosporic fungi, with special reference to *Pythium* and *Phytophthora* 1153
Pythium aphanidermatum
Changes in motility of *Pythium* zoospores induced by calcium and calcium-modulating drugs 877
Pythium arrhenomanes
Molecular and morphological comparison of *Pythium arrhenomanes* and *P. graminicola* 1371
Pythium catenulatum
Changes in motility of *Pythium* zoospores induced by calcium and calcium-modulating drugs 877
Pythium dissotocum
Changes in motility of *Pythium* zoospores induced by calcium and calcium-modulating drugs 877
Pythium graminicola
Molecular and morphological comparison of *Pythium arrhenomanes* and *P. graminicola* 1371
Pythium spinosum
Zoospore production in *Pythium spinosum* 1495
Radicinin
Production of dendritic crystals in pure cultures of *Phoma* and *Ascochyta* and its value as a taxonomic character relative to morphology, pathology, and cultural characteristics 1343
Random amplified polymorphic DNA
Analysis of variation in isolates of *Rhizoctonia solani* by random amplified polymorphic DNA assay 1075
Amplification of genomic DNA of arbuscular-mycorrhizal (AM) fungi by PCR using short arbitrary primers 1351
Raspberry
Identity of a *Phytophthora* species attacking raspberry in Europe and North America 817
Ravenelia clemensiae
Mycovellosiella raveneliae, a hyperparasite of *Ravenelia clemensiae* from India 1020
Recognition reactions
Molecular recognition in the homing responses of zoosporic fungi, with special reference to *Pythium* and *Phytophthora* 1153
Remispora galerita
Ultrastructure of the ascospore wall and appendages of *Remispora galerita* 1190
Restriction fragment length polymorphisms
Analysis of RFLPs in nuclear and mitochondrial DNA and the taxonomy of *Phytopthora fragariae* 150
Ribosomal and mitochondrial DNA polymorphisms in *Colletotrichum gloeosporioides* isolated from tropical fruits 329
A rapid molecular technique to distinguish *Fusarium* species 345
Molecular relationships between *Ophiostoma ulmi* and the NAN and EAN races of *O. novo-ulmi* determined by restriction fragment length polymorphisms of nuclear DNA 449
Coffee berry disease pathogen in Africa: genetic structure and relationship to the group species *Colletotrichum gloeosporioides* 995
Restriction fragment length polymorphisms in the mitochondrial DNAs of the *Aspergillus niger* aggregate 1207
Molecular variation and sub-specific groupings within *Verticillium dahliae* 233
Pathogenicity and DNA restriction fragment length polymorphisms of isolates of *Pythium* spp. from glyphosate-treated seedlings 307
Molecular relationships of the mitochondrial DNA of *Ophiostoma ulmi* and the NAN and EAN races of *O. novo-ulmi* determined by restriction fragment length polymorphisms 1093
Molecular taxonomy of *Phytophthora megasperma* based on mitochondrial and nuclear DNA polymorphisms 1101
Review
On the origin of specialised trama types in the Agaricales 257
Gastrointestinal candidiasis: histopathology of *Candida*-host interactions in a murine model 385
Growth kinetics of mycelial colonies and aggregates of ascomycetes 513
The polymerase chain reaction and its application to filamentous fungi 769
The expression and performance of cloned genes in yeasts 897
Assimilation of alkanes by yeasts: functions and biogenesis of peroxisomes 1025
Molecular recognition in the homing responses of zoosporic fungi, with special reference to *Pythium* and *Phytophthora* 1153
Rhizoctonia cerealis
Production and leakage of antibiotics by *Rhizoctonia cerealis*, *R. oryzae-sativae* and *R. tuliparum* 86
Rhizoctonia oryzae-sativae
Production and leakage of antibiotics by *Rhizoctonia cerealis*, *R. oryzae-sativae* and *R. tuliparum* 86
Rhizoctonia solani
The use of protoplasts for the preparation of homokaryons from heterokaryotic isolates of *Rhizoctonia solani* 456
Potential for symbiosis of *Rhizoctonia solani* and binucleate *Rhizoctonia* with seeds of *Spiranthes sinensis* var. *amoena in vitro* 746
Evidence of stability of pectic zymogram groups within *Rhizoctonia solani* AG-8 1056
Analysis of variation in isolates of *Rhizoctonia solani* by random amplified polymorphic DNA assay 1075
Calcium oxalate crystal formation in *Rhizoctonia solani* AG 2-1 culture and infected crucifer tissue: relationship between host calcium and resistance 1516
Rhizoctonia tuliparum
Production and leakage of antibiotics by *Rhizoctonia cerealis*, *R. oryzae-sativae* and *R. tuliparum* 86
Rhizomorphs
Observations on two rhizomorph-forming species of *Marasmiellus* 111
Rhizophidium planktonicum
Sporangium differentiation and zoospore fine-structure of the chytrid *Rhizophydium planktonicum*, a fungal parasite of *Asterionella formosa* 1059
Rhizopogon rubescens
Basidiospore viability and germination in ectomycorrhizal and saprotrophic basidiomycetes 141
Rhodotorula rubra
Caesium toxicity, accumulation and intracellular localization in yeasts 717
Rhynchophoromyces denticulatus
Rare and interesting Laboulbeniales on Sudanese Coleoptera 509
Rhynchosia suaveolens
Pseudocercospora rhynchosiae-suaveolentis sp. nov. from India 1407
Rhynchosporium secalis
Isozyme variation within and among populations of *Rhynchosporium secalis* in Europe, Australia and the United States 49
Ribes
Identity and host alternation of some willow rusts (*Melampsora* spp.) in England 845
Ribosomal DNA
Ribosomal and mitochondrial DNA polymorphisms in *Colletotrichum gloeosporioides* isolated from tropical fruits 329
Ceratocystiopsis: a reappraisal based on molecular criteria 625
Coffee berry disease pathogen in Africa: genetic structure and relationship to the group species *Colletotrichum gloeosporioides* 995
Molecular and morphological comparison of *Pythium arrhenomanes* and *P. graminicola* 1371
Rickia zanettii
New British Laboulbeniales 1045
Root fungi
Fungal colonization of glyphosate-treated seedlings using a new root plating technique 299
Effect of substrate and plant maturity on the incidence of infection of potato roots by pathogenic and non-pathogenic fungi 733
Phoma gentianae-sino-ornatae sp. nov. from *Gentiana sino-ornata* with root rot 1299
Rotifers
Fungal predators of rotifers – a comparative study of *Zoophagus*, *Lecophagus* and *Cephaliophora* 421
Rumen fungi
Comparison of anaerobic fungi in faeces and rumen digesta of newly-born and adult ruminants 1245
Rust fungi
Strategies of pathogenicity in monokaryotic and dikaryotic phases of rust fungi, with special reference to vascular infection 415
Identity and host alternation of some willow rusts (*Melampsora* spp.) in England 845
R.W.Marsh
Obituary. R. W. Marsh, 1899–1992: an appreciation 254
Saccharomyces cerevisiae
Caesium toxicity, accumulation and intracellular localization in yeasts 717
The expression and performance of cloned genes in yeasts 897
Salinity
Effect of varying sea water salinity on growth kinetics of *Phytophthora polymorphica* 1135

Salix
Identity and host alternation of some willow rusts (*Melampsora* spp.) in England 845
Sarcosphaera crassa
Comparative study of elongated and globose Woronin bodies using electron energy loss spectroscopy (EELS) and imaging (ESI) 1499
Schizophyllum commune
Fruiting genes of *Schizophyllum commune* are transcriptionally regulated 538
Schizosaccharomyces pombe
The expression and performance of cloned genes in yeasts 897
Scleroderma verrucosum
Improving the colonization capacity and effectiveness of ectomycorrhizal fungal cultures by association with a host plant and re-isolation 839
Sclerotia
Production and leakage of antibiotics by *Rhizoctonia cerealis*, *R. oryzae-sativae* and *R. tuliparum* 86
Mycelial differentiation of *Morchella esculenta* in pure culture 136
Sclerotial formation
Morphology and physiology of *Morchella esculenta* during sclerotial formation 683
Sclerotinia sclerotiorum
Observations on sclerotial mycoparasites of *Sclerotinia sclerotiorum* 697
World distribution of the sclerotial mycoparasite *Coniothyrium minitans* 1175
Growth of the collembolan *Folsomia candida* on cultures of the mycoparasite *Coniothyrium minitans* and sclerotia of *Sclerotinia sclerotiorum* 1277
Sclerotiniaceae
Ultrastructure of the ascus apical apparatus in ten species of Sclerotiniaceae 179
Scolopia braunii
The genus *Phyllachora* from Australia. Observations on *P. bella* from *Syzygium paniculatum* and *P. melaspilea* from *Scolopia braunii* 1437
Scytalidium thermophilum
Taxonomy of *Scytalidium thermophilum*, an important thermophilic fungus in mushroom compost 321
Selective media
An improved estimation of the incidence of *Microdochium nivale* in winter wheat stems in England and Wales, during 1992, by use of benomyl agar 1172
SEM
Observations on the marine gasteromycete *Nia vibrissa* 1
Spore attachment in marine fungi 7
Senescence
Senescence in natural populations of *Neurospora intermedia* 1379
Serendipita
Exidiopsis species from Devon, including the new segregate genera *Ceratosebacina*, *Endoperplexa*, *Microsebacina*, and *Serendipita* 467
Serendipita evanescens
Exidiopsis species from Devon, including the new segregate genera *Ceratosebacina*, *Endoperplexa*, *Microsebacina*, and *Serendipita* 467
Serendipita inclusa
Exidiopsis species from Devon, including the new segregate genera *Ceratosebacina*, *Endoperplexa*, *Microsebacina*, and *Serendipita* 467
Serendipita interna
Exidiopsis species from Devon, including the new segregate genera *Ceratosebacina*, *Endoperplexa*, *Microsebacina*, and *Serendipita* 467
Serendipita invisibilis
Exidiopsis species from Devon, including the new segregate genera *Ceratosebacina*, *Endoperplexa*, *Microsebacina*, and *Serendipita* 467
Serendipita orliensis
Exidiopsis species from Devon, including the new segregate genera *Ceratosebacina*, *Endoperplexa*, *Microsebacina*, and *Serendipita* 467
Serendipita sigmaspora
Exidiopsis species from Devon, including the new segregate genera *Ceratosebacina*, *Endoperplexa*, *Microsebacina*, and *Serendipita* 467
Serendipita vermifera
Exidiopsis species from Devon, including the new segregate genera *Ceratosebacina*, *Endoperplexa*, *Microsebacina*, and *Serendipita* 467
Serpula lachrymans
Immunological identification *in vitro* of the dry-rot fungus *Serpula lacrymans* 290
Setchelliogaster
Improving the colonization capacity and effectiveness of ectomycorrhizal fungal cultures by association with a host plant and re-isolation 839
Sinapis alba
Calcium oxalate crystal formation in *Rhizoctonia solani* AG 2-1 culture and infected crucifer tissue: relationship between host calcium and resistance 1516
Soil fungi
Observation of nematophagous fungi in natural soils by fluorescence microscopy and their correlation with isolation 1005
Mycogeography of *Fusarium*: survey of *Fusarium* species associated with forest and woodland communities in north Queensland, Australia 1015
Toxigenicity of *Fusarium* species and subspecies in section Gibbosum from different regions of Australia 1441
Soil fungistasis
Ultrastructure of *Cochliobolus victoriae* conidia incubated on fungistatic soil 1419
Somatic incompatibility
Somatic incompatibility and nuclear reassortment in *Heterobasidion annosum* 1223
Genetic control of somatic incompatibility in the root-rotting basidiomycete *Heterobasidion annosum* 1229
Sphaerobolus stellatus
Resource capture by interacting fungal colonisers of straw 547
Sphaeropsis sapinea
Variation in conidial morpholgy among geographic isolates of *Sphaeropsis sapinea* 832
Comparison of *Sphaeropsis sapinea* and *Sphaeropsis sapinea* f. sp. *cupressi* 1253
Sphaeropsis sapinea* f. sp. *cupressi
Comparison of *Sphaeropsis sapinea* and *Sphaeropsis sapinea* f. sp. *cupressi* 1253
Sphaerulina mimosae-pigrae
A new species of *Sphaerulina* and its *Phloeospora* anamorph, with potential for biological control of *Mimosa pigra* 59
Spiranthes sinensis
Potential for symbiosis of *Rhizoctonia solani* and binucleate *Rhizoctonia* with seeds of *Spiranthes sinensis* **var.** *amoena in vitro* 746
Sporangium development
Sporangium differentiation and zoospore fine-structure of the chytrid *Rhizophydium planktonicum*, a fungal parasite of *Asterionella formosa* 1059
Spore attachment
Spore attachment in marine fungi 7
Spore germination
Germination and the role of extracellular matrix in adhesion of urediniospores of *Uromyces viciae-fabae* on synthetic surfaces 585
Characterization of the extracellular matrix produced *in vitro* by urediniospores and sporelings of *Uromyces viciae-fabae* 594
Spore ultrastructure
Ultrastructural studies of spore walls of *Acaulospora morrowiae* and *A. scrobiculata* 1183
Sporidesmiella aspera
Three new and several interesting species of *Sporidesmiella* from submerged litter in Malaysia 1305
Sporidesmiella claviformis
Three new and several interesting species of *Sporidesmiella* from submerged litter in Malaysia 1305
Sporidesmiella cornuta
Three new and several interesting species of *Sporidesmiella* from submerged litter in Malaysia 1305
Sporidesmiella hyalosperma* var. *hyalosperma
Three new and several interesting species of *Sporidesmiella* from submerged litter in Malaysia 1305
Sporidesmiella incrassata
Three new and several interesting species of *Sporidesmiella* from submerged litter in Malaysia 1305
Sporidesmiella parva* var. *palauensis
Three new and several interesting species of *Sporidesmiella* from submerged litter in Malaysia 1305
Stagnospora pteridiicola
Stagonospora pteridiicola sp. nov., a new endophytic coelomycete in *Pteridium aquilinum* 661
Stemphylium vesicarium
Infection studies of *Stemphylium vesicarium* on onion leaves 984
Stichomyces conosomatis
New British Laboulbeniales 1045
Storage fungi
Evaluation of the potential of the yeast *Pichia guilliermondii* as a biocontrol agent against *Aspergillus flavus* and fungi of stored soya beans 1201
Straw decomposition
Resource capture by interacting fungal colonisers of straw 547

Stylosanthes
Mini-chromosomes of *Colletotrichum* spp. infecting several host species in various countries 852
Styrax formusanus
A new ascomycete, *Glomerella septospora* sp. nov. and its coelomycete anamorph, *Colletotrichum taiwanense* sp. nov. from Taiwan 1523
Succession
Stable successional patterns of aquatic hyphomycetes on leaves decaying in a summer cool stream 163
Suillus grevillei
Phosphatase activity of four ectomycorrhizal fungi found in a Sitka spruce–Japanese larch plantation in Ireland 725
Suillus tomentosus
Basidiospore viability and germination in ectomycorrhizal and saprotrophic basidiomycetes 141
Symbiosis
Potential for symbiosis of *Rhizoctonia solani* and binucleate *Rhizoctonia* with seeds of *Spiranthes sinensis* **var.** *amoena in vitro* 746
Systematics
Ultrastructure of the ascus apical apparatus in ten species of Sclerotiniaceae 179
Taxonomy of *Scytalidium thermophilum*, an important thermophilic fungus in mushroom compost 321
Names and epithets in the Glomales and Endogonales 339
On taxonomy of *Phlebia livida* 351
An integrated approach to the analysis of variation in *Phytophthora nicotianae* and a redescription of the species 559
Ceratocystiopsis: a reappraisal based on molecular criteria 625
Syzygium paniculatum
The genus *Phyllachora* from Australia. Observations on *P. bella* from *Syzygium paniculatum* and *P. melaspilea* from *Scolopia braunii* 1437
Taxonomy
Taxonomy of *Acremonium* endophytes of tall fescue (*Festuca arundinacea*) meadow fescue (*F. pratensis*) and perennial rye-grass (*Lolium perenne*) 1083
Teleomorphs
Teleomorph-anamorph connections in ascomycetes: *Microdiplodia* anamorph of *Karstenula rhodostoma* 377
Teliospore development
Cryofixation and freeze substitution of teliospores of *Gymnosporangium clavipes*: an ultrastructural investigation 195
Temperature
Temperature-growth responses distinguish the OPC and OPH sibling species within '*Ophiostoma piceae*' 1416
Zoospore production in *Pythium spinosum* 1495
Thanatephorus cucumeris
Evidence of stability of pectic zymogram groups within *Rhizoctonia solani* AG-8 1056
Thermomyces lanuginosus
Growth kinetics of the thermophilic fungus *Thermomyces lanuginosus* 665
Thermophilic fungi
Taxonomy of *Scytalidium thermophilum*, an important thermophilic fungus in mushroom compost 321
Torrubiella luteorostrata
Torrubiella luteorostrata: a pathogen of scale insects and its association with *Paecilomyces cinnamomeus* with a note on *Torrubiella tenuis* 1126
Torrubiella tenuis
Torrubiella luteorostrata: a pathogen of scale insects and its association with *Paecilomyces cinnamomeus* with a note on *Torrubiella tenuis* 1126
Torula thermophila
Taxonomy of *Scytalidium thermophilum*, an important thermophilic fungus in mushroom compost 321
Trama
On the origin of specialised trama types in the Agaricales 257
Transcription
Fruiting genes of *Schizophyllum commune* are transcriptionally regulated 538
Transformation
Protoplast formation and DNA-mediated transformation of *Fusarium culmorum* to hygromycin B resistance 313
Transformation of the homobasidiomycete *Coprinus bilanatus* to 5-fluoroindole resistance using a mutant trp3 gene from *Coprinus cinereus* 1281
Trichoderma harzianum
Effect of carbon source on chitobiase production by *Trichoderma harzianum* 45
Trichoderma reesei
Effect of starch on the induction of β-glucosidase in *Trichoderma reesei* 318
Trichoderma viride
Cultural characters, protein patterns and unusual mating behaviour of *Phytophthora gonapodyides* isolates from Britain and North America 1287
Trichothecenes
Toxigenicity of *Fusarium* species and subspecies in section Gibbosum from different regions of Australia 1441
Trifolium repens
The infection of white clover (*Trifolium repens*) by conidia of *Cymadothea trifolii* 227
Tuber magnatum
In vitro culture of *Tuber magnatum* mycelium isolated from mycorrhizas 40
Tuberales
A new species of Tuberales from China 1021
Tulasnella allantospora
Allantoid-spored *Tulasnella* species from Devon 213
Tulasnella dunica
Allantoid-spored *Tulasnella* species from Devon 213
Tulasnella permacra
Allantoid-spored *Tulasnella* species from Devon 213
Tulasnella saveloides
Allantoid-spored *Tulasnella* species from Devon 213
Tulasnella tomaculum
Allantoid-spored *Tulasnella* species from Devon 213
Ubiquinones
Effect of growth on taxonomically-useful ubiquinone/lipid profiles from *Penicillium* 173
Ultrastructure
Ultrastructure of the ascus apical apparatus in ten species of Sclerotiniaceae 179
Cryofixation and freeze substitution of teliospores of *Gymnosporangium clavipes*: an ultrastructural investigation 195
Ultastructural studies of spore walls of *Acaulospora morrowiae* and *A. scrobiculata* 1183
Ultrastructure of the ascospore wall and appendages of *Remispora galerita* 1190
Ultrastructure of *Cochliobolus victoriae* conidia incubated on fungistatic soil 1419
Comparative study of elongated and globose Woronin bodies using electron energy loss spectroscopy (EELS) and imaging (ESI) 1499
Urediniospores
Germination and the role of extracellular matrix in adhesion of urediniospores of *Uromyces viciae-fabae* on synthetic surfaces 585
Characterization of the extracellular matrix produced *in vitro* by urediniospores and sporelings of *Uromyces viciae-fabae* 594
Uromyces limonii
Vascular infection by *Puccinia menthae* and other rust fungi 409
Uromyces viciae-fabae
Cellulolytic enzymes of the obligately biotrophic rust fungus *Uromyces viciae-fabae* are regulated differentiation-specifically 77
Germination and the role of extracellular matrix in adhesion of urediniospores of *Uromyces viciae-fabae* on synthetic surfaces 585
Characterization of the extracellular matrix produced *in vitro* by urediniospores and sporelings of *Uromyces viciae-fabae* 594
Uromyces vignae
Confocal microscopy of living fungal hyphae microinjected with Ca^{2+}-sensitive fluorescent dyes 1505
Vegetative compatibility groups
Spatial distribution among mycelial individuals of *Lycoperdon pyriforme* occurring on decaying logs 1119
Vegetative incompatibility
Parasexual recombination between W and R pathotypes of *Pseudocercosporella herpotrichoides* through protoplast fusion 977
Verticillium alboatrum
Molecular variation and sub-specific groupings within *Verticillium dahliae* 233
Verticillium balanoides
An electron microscopical study of the infection of the nematode *Panagrellus redivivus* by the endoparasitic fungus *Verticillium balanoides* 479
Verticillium dahliae
Molecular variation and sub-specific groupings within *Verticillium dahliae* 233

Vesicular-arbuscular mycorrhizas
Vesicular-arbuscular mycorrhizas of *Equisetum* species in Norway and the U.S.A.: occurrence and mycotrophy 656
VA mycorrhizal spores from three species of *Acaulospora*: germination, longevity and hyphal growth 785
Vitis vinifera
Infection of grape flowers and berries by *Botrytis cinerea* as a function of time and temperature 1012
Volutella ciliata
Observations on sclerotial mycoparasites of *Sclerotinia sclerotiorum* 697
Volvariella bombycina
Cell form, function and lineage in the hymenia of *Coprinus cinereus* and *Volvariella bombycina* 221
Volvariella volvacea
Evidence for a haploid life-cycle in *Volvariella volvacea* from micro-spectrophotometric measurements and observations of nuclear behaviour 1481
Wall building
An electron microscope study of conidiogenesis and wall formation of conidia of *Aspergillus niger* 1459
Water activity
Effects of water activity and temperature on the growth of fungi interacting on barley grain 1393
Water relations
Effects of water on germination of powdery mildew conidia 71
Wood decay fungi
Immunological identification *in vitro* of the dry-rot fungus *Serpula lacrymans* 290
Woronin bodies
Comparative study of elongated and globose Woronin bodies using electron energy loss spectroscopy (EELS) and imaging (ESI) 1499
Yeasts
The expression and performance of cloned genes in yeasts . 897
Assimilation of alkanes by yeasts: functions and biogenesis of peroxi-somes 1025
Zodiomyces subseriatus
Rare and interesting Laboulbeniales on Sudanese Coleoptera 509
Zoophagus insidiens
Fungal predators of rotifers – a comparative study of *Zoophagus, Lecophagus* and *Cephaliophora* 421
Zoophthora radicans
The structure of dry mycelia of the entomophthoralean fungi *Zoophthora radicans* and *Erynia neoaphidis* following different preparatory treat-ments 1315
Zoosporangia
Preservation of air-dried downy mildew sporangia in liquid nitrogen without cryoprotectants or controlled freezing 240
Zoospore mobility
Molecular recognition in the homing responses of zoosporic fungi, with special reference to *Pythium* and *Phytophthora* 1153
Zoospore production
Zoospore production in *Pythium spinosum* 1495
Zoospores
Changes in motility of *Pythium* zoospores induced by calcium and calcium-modulating drugs 877
Development of *Catenaria anguillulae* in *Heterodera cajani* 957
Zygorhizidium affluens
Sporangium differentiation and zoospore fine-structure of the chytrid *Rhizophydium planktonicum*, a fungal parasite of *Asterionella formosa* 1059
Zygorhizidium planktonicum
Sporangium differentiation and zoospore fine-structure of the chytrid *Rhizophydium planktonicum*, a fungal parasite of *Asterionella formosa* 1059